Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

May 15, 2024

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: **Notice of Exempt Modification for Verizon Wireless: 5000383347**
Crown Site ID# 842876
1000 Old County Circle, Windsor Locks, CT 06095
Latitude: 41° 54′ 36.88" / Longitude: -72° 39′ 42.43″

Dear Ms. Bachman:

Verizon Wireless currently maintains twelve (12) antennas at the 85-foot mount on the existing 96.8-foot monopole tower located at 1000 Old County Circle, Windsor Locks, CT. The property is owned by the Stanley & Maria Rafalowski and the tower is owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 85ft level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modification:

Tower:

Install New:
(2) Kaelus BSF0020F3V1-1 Interference Mitigation Filters

The facility was approved by the Town of Windsor Locks, however, the original zoning approval document could not be located. The original building permit # 23831 is provided and was approved on July 26, 2000.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Scott Storms, First Selectman, Town of Windsor Locks, William Voelker, Town Planner, Town of Windsor Locks and Stanley & Maria Rafalowski, are the Property Owners. Crown Castle is the tower owner.

1. The proposed modifications will not result in an increase in the height of the existing tower.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Verizon Wireless respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Jeffrey Barbadora.

Sincerely,

Jeffrey Barbadora
Permitting Specialist
1800 W. Park Drive
Westborough, MA 01581
(781) 970-0053
Jeff.Barbadora@crowncastle.com

Attachments
cc:

Scott Storms, First Selectman
Town of Windsor Locks
50 Church Street
Windsor Locks, CT 06096
860-627-1444

William Voelker, Town Planner
Town of Windsor Locks
50 Church Street
Windsor Locks, CT 06096
860-627-1447 ext. 322

Stanley & Maria Rafalowski, Property Owners
1000 Old County Circle #105
Windsor Locks, CT 06096

Crown Castle, Tower Owner

DATE July 26, 2000
CHECK NO 8330-$790.
C.O. FEE 8331-$510. CASH

TOWN OF WINDSOR LOCKS, CT
BUILDING PERMIT
Nº 23831

APPLICANT
NAME Brois Construction Corp.
ADDRESS 73 East Main Street
Elmsford, NY 10523

ESTIMATED COST/VALUE $ 78,000.
(EXCLUDING ELECTRICAL, PLUMBING & HVAC)
FEE $ 790.

PHONE 914-592-4848 LICENSE NO.
OWNER NAME Old County Circle Industrial Park Lots 5 & 6 Association II
ADDRESS 37 Quail Hollow Road
Agawam, MA 01001

Construction of an unmanned wireless communications site consisting of a (32' x 55' 6") fenced compound containing a prefab. equipment shelter & a (98') High monopole w/ antennas at 1000 Old County Circle.

All work to be done in accordance with this application and plans approved by the Building Department

Building Official

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2018.

Information on the Property Records for the Municipality of Windsor Locks was last updated on 5/9/2024.

Parcel Information

Location:	1000 OLD COUNTY CIRCLE 105	Property Use:	Commercial Condominiums	Primary Use:	Cndo Industrial
Unique ID:	00324200	Map Block Lot:	051-125-013-0105	Acres:	0.0000
490 Acres:	0.00	Zone:	IND1	Volume / Page:	0196/0765
Developers Map / Lot:		Census:			

Value Information

	Appraised Value	Assessed Value
Land	0	0
Buildings	294,500	108,850
Detached Outbuildings	0	0
Total	294,500	108,850

Owner's Information

Owner's Data

RAFALOWSKI STANLEY & MARIA
1000 OLD COUNTY CIR #105
WINDSOR LOCKS, CT 06096

Building 1

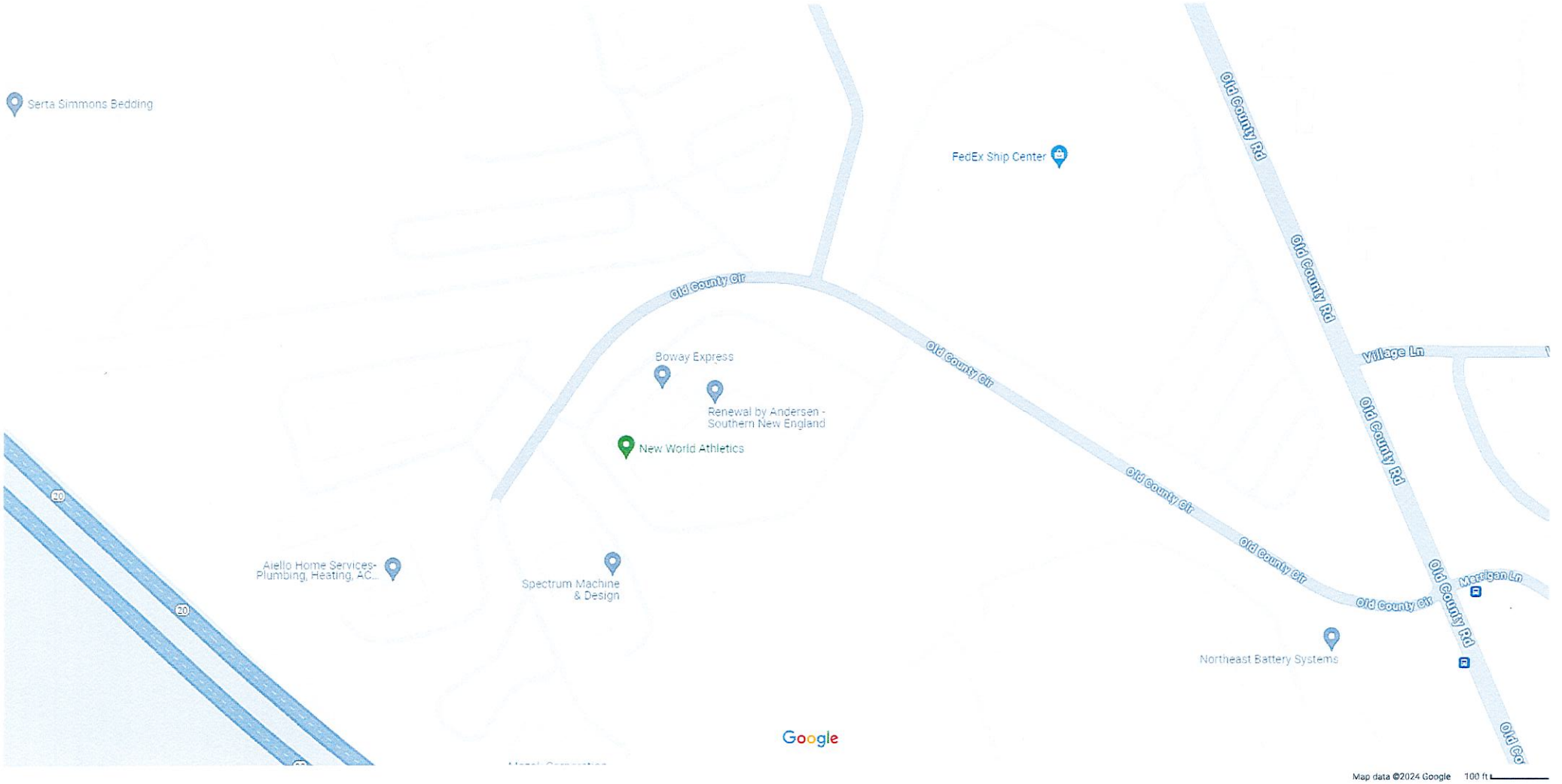
Category:	Industrial	Use:	Light Industrial	GLA:	6,375
Stories:	1.00	Construction:	Fire Resistant	Year Built:	1990
Heating:	Unit Heater/AC	Fuel:		Cooling Percent:	100
Siding:	Brick/Masonry	Roof Material:		Beds/Units:	0

Sketch Not Available

Special Features

Wet Sprinklers	3375

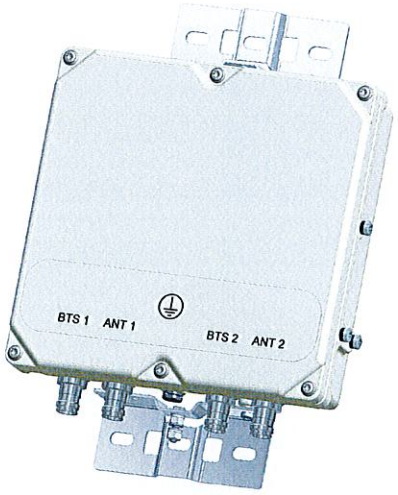
Attached Components


Google Maps
Serta Simmons Bedding
FedEx Ship Center
Old County Rd
Old County Cir
Boway Express
Renewal by Andersen - Southern New England
New World Athletics
Village Ln
Merrigan Ln
Aiello Home Services- Plumbing, Heating, AC...
Spectrum Machine & Design
Northeast Battery Systems
20
Google
Map data ©2024 Google
100 ft

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The BSF0020 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the BSF0020 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the BSF0020 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.



FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available

TECHNICAL SPECIFICATIONS

BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	

ELECTRICAL	
Impedance	50Ohms
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm

DC / AISG	
Passband	0 - 13MHz
Insertion loss	0.3dB maximum
Return loss	15dB minimum
Input voltage range	± 33V
DC current rating	2A continuous, 4A peak
Compliance	3GPP TS 25.461

ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20°C to +60°C | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.
MTBF	>1,000,000 hours
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE

MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

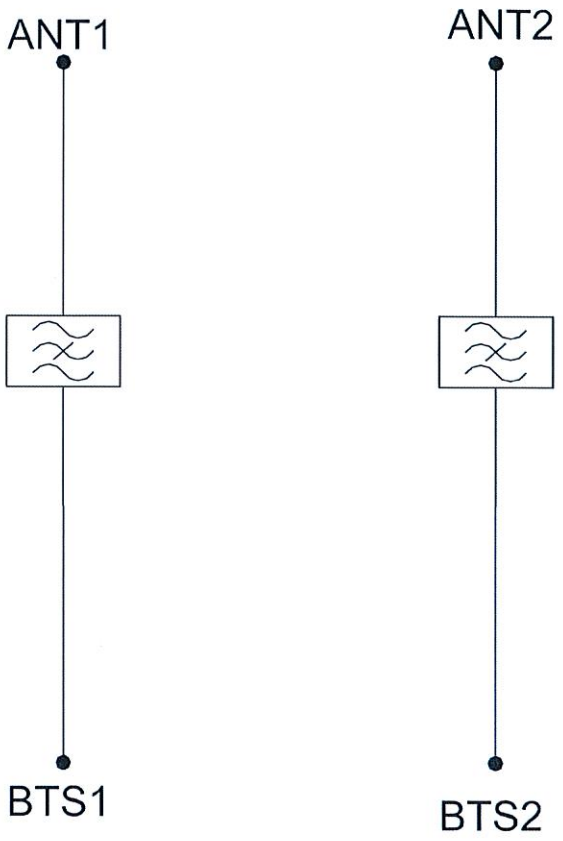
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

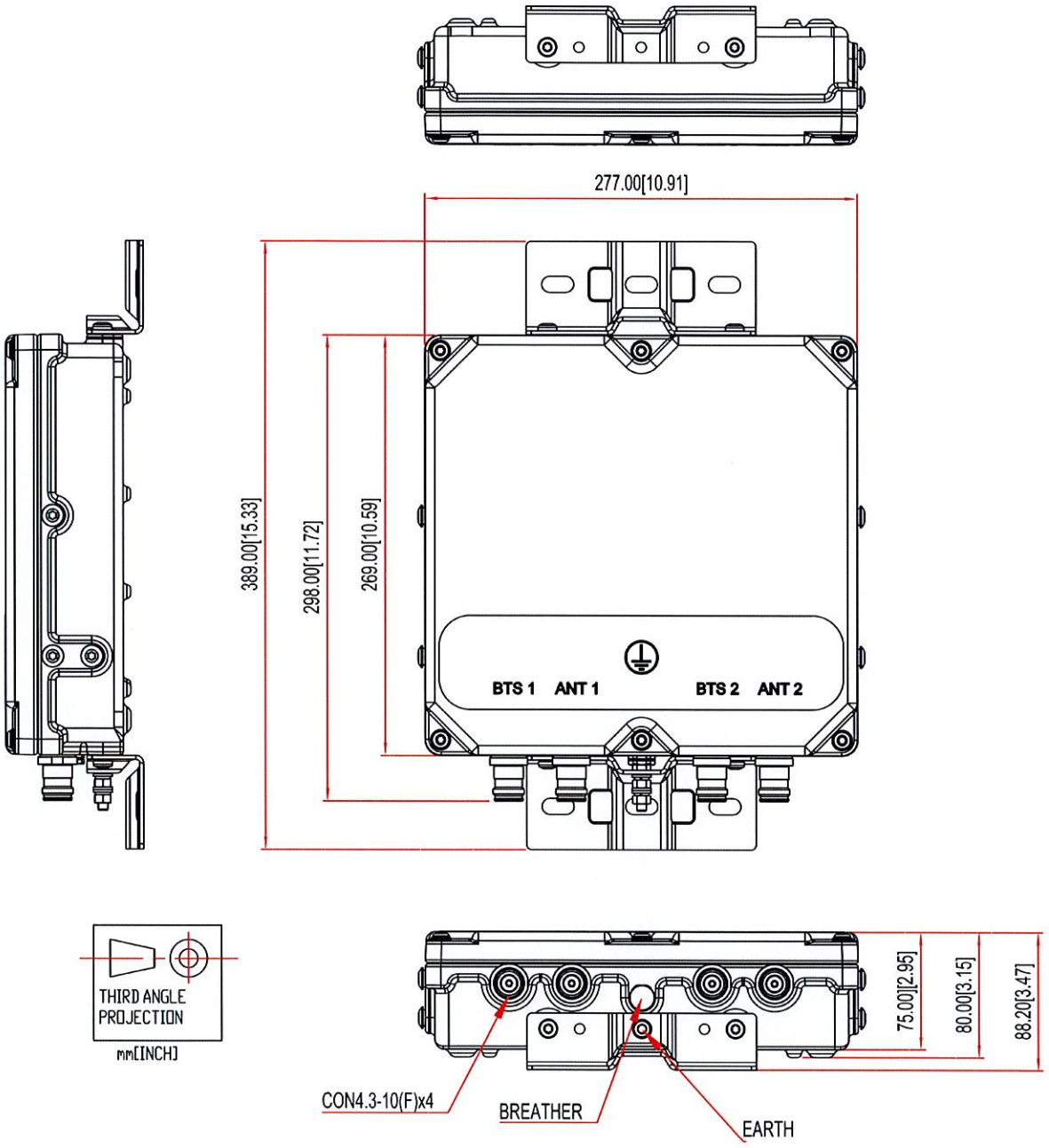
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Tuesday, May 14, 2024 10:22 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 776359663016: Your package has been delivered

Hi. Your package was delivered Tue, 05/14/2024 at 10:12am.

Delivered to 50 CHURCH ST, WINDSOR LOCKS, CT 06096
Received by L.EXI

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	776359663016
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Windsor Locks Scott Storms, First Selectman 50 Church Street WINDSOR LOCKS, CT, US, 06096
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 5/13/2024 05:57 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	WINDSOR LOCKS, CT, US, 06096
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Tuesday, May 14, 2024 10:22 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 776359729116: Your package has been delivered

Hi. Your package was delivered Tue, 05/14/2024 at 10:12am.

Delivered to 50 CHURCH ST, WINDSOR LOCKS, CT 06096
Received by L.EXI

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	776359729116
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Windsor Locks William Voelker, Town Planner 50 Church Street WINDSOR LOCKS, CT, US, 06096
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 5/13/2024 05:57 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	WINDSOR LOCKS, CT, US, 06096
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Wednesday, May 15, 2024 10:28 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 776359820225: Your package is now out for delivery today

Your package is out for delivery today.

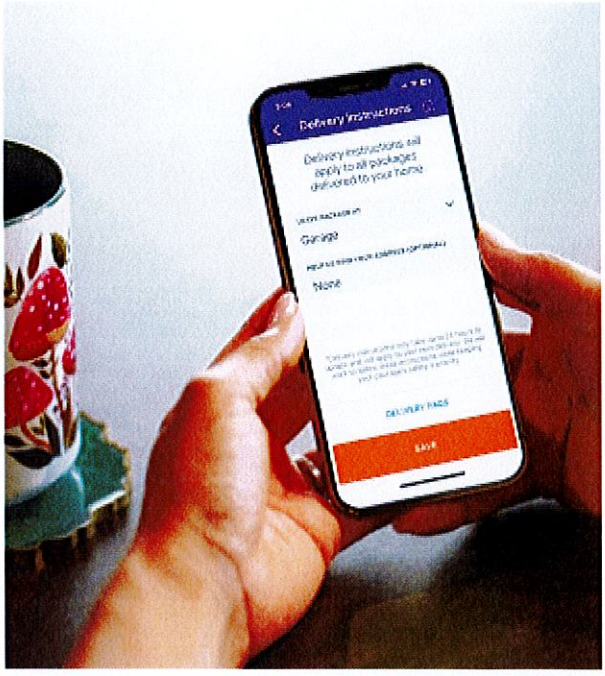
DELIVERY DATE

Wed, 05/15/2024
before 5:00pm

OUT FOR DELIVERY
WINDSOR LOCKS, CT

MANAGE DELIVERY

TRACKING NUMBER	776359820225
FROM	WESTBOROUGH, MA, US
TO	WINDSOR LOCKS, CT, US
SHIP DATE	Mon 5/13/2024 05:57 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US
DESTINATION	WINDSOR LOCKS, CT, US
SPECIAL HANDLING	Deliver Weekday
STANDARD TRANSIT	Tue, 05/14/2024 by 5:00pm
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight



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Date: **January 22, 2024**

MORRISON HERSHFIELD

Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 379-8500

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000383347
	Site Name:	Windsor Locks 2 CT
Crown Castle Designation:	**BU Number:**	842876
	Site Name:	Windsor Locks
	JDE Job Number:	751351
	Work Order Number:	2278907
	Order Number:	654604 Rev. 0
Engineering Firm Designation:	**Morrison Hershfield Project Number:** CN13-126 / 2400001	
Site Data:	**1000 Old County Circle, Windsor Locks, Hartford County, CT 06096** **Latitude *41° 54' 36.88"*, Longitude *-72° 39' 42.43"*** **96.8 Foot - EEI Monopole Tower**	

Morrison Hershfield is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity - 76.0%**

This analysis utilizes an ultimate 3-second gust wind speed of 116 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

STATE OF CONNECTICUT
G. LANCE COOKE
No. 28133
LICENSED PROFESSIONAL ENGINEER
EXP 1/31/2024

Digitally signed by G. Lance Cooke
Date: 2024.01.22 20:28:05+05'30'

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 96.8 ft monopole tower designed by Engineered Endeavors, Inc.

The tower was modified multiple times in the past to accommodate additional loading. All the modifications are considered in this analysis per their respective post modification inspection reports.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	116 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
86.0	89.0	3	samsung telecommunications	RFV01U-D1A	8	1-5/8
		3	samsung telecommunications	RFV01U-D2A		
		2	raycap	RXXDC-3315-PF-48		
	86.0	6	commscope	NHH-65B-R2B		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		2	antel	BXA-70080-4CF-2 w/ Mount Pipe		
		1	antel	BXA-80063-4CF-EDIN-2 w/ Mount Pipe		
		2	kaelus	BSF0020F3V1		
		3	commscope	Side-By-Side Mounting Kit [#BSAMNT-SBS-1-2]		
		1	-	Platform Mount [LP 601-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
93.0	97.0	1	raycap	DC6-48-60-18-8F	12 2 1 1 1	7/8 3/4 3/8 1/8 2C
	95.0	1	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe		
		1	powerwave technologies	7770.00 w/ Mount Pipe		
		1	powerwave technologies	P65-17-XLH-RR w/ Mount Pipe		
		3	ericsson	RRUS 11		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
93.0	94.0	5	powerwave technologies	7770.00 w/ Mount Pipe	-	-
		1	andrew	SBNH-1D6565C w/ Mount Pipe		
		12	powerwave technologies	LGP21401		
	93.0	1	-	Platform Mount [LP 601-1]		
76.0	76.0	3	jma wireless	MX08FRO665-21 w/ Mount Pipe	1	1-3/8
		3	fujitsu	TA08025-B604		
		3	fujitsu	TA08025-B605		
		1	raycap	RDIDC-9181-PF-48		
		1	-	Sabre C10801018-32788		
65.0	66.0	1	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe	5	1-5/8
	65.0	3	commscope	VV-65A-R1_TMO w/ Mount Pipe		
		3	rfs/celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		2	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
		3	ericsson	RADIO 4449 B71 B85A _T-MOBILE		
		3	ericsson	RADIO 4460 B2/B25 B66_TMO		
		1	-	Platform Mount [LP 303-1_KCKR-HR-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	4291693	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	4713155	CCISITES
4-TOWER MANUFACTURER DRAWINGS	4713154	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	4964607	CCISITES
4-POST-MODIFICATION INSPECTION	6740106	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	8507095	CCISITES
4-POST-MODIFICATION INSPECTION	9775854	CCISITES

3.1) Analysis Method

tnxTower (version 8.2.2.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 Standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Morrison Hershfield should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	96.8 - 83.63	Pole	TP17.3929x14.25x0.1875	1	-3.10	604.96	13.0	Pass
L2	83.63 - 45.59	Pole	TP25.5722x16.3616x0.25	2	-16.49	1192.07	70.6	Pass
L3	45.59 - 0	Pole	TP37.5x24.2074x0.3125	3	-25.55	2265.68	70.0	Pass
							Summary	
						Pole (L2)	70.6	Pass
						Rating =	70.6	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	40.4	Pass
1	Base Plate		76.0	Pass
1	Base Foundation (Structure)	0	45.2	Pass
1	Base Foundation (Soil Interaction)		34.7	Pass

Structure Rating (max from all components) =	76.0%*

Notes:
1) See additional documentation in “Appendix C - Additional Calculations” for calculations supporting the % capacity consumed.
2) *Rating per TIA-222-H, Section 15.5.

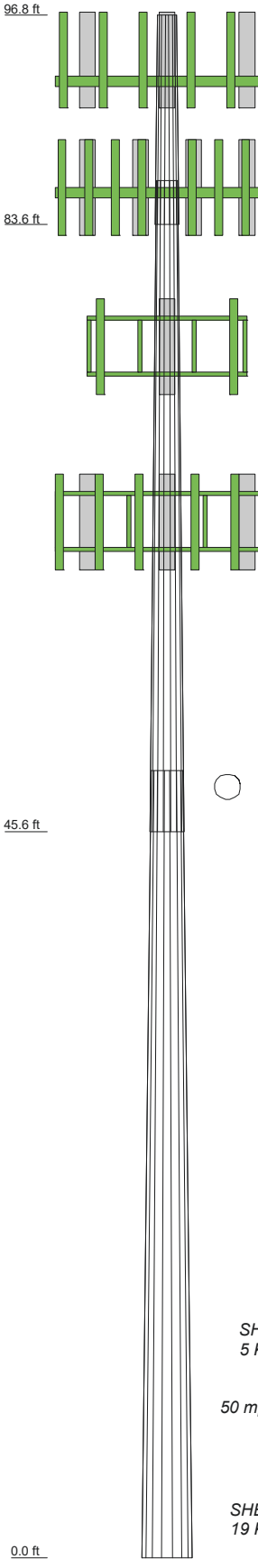
4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

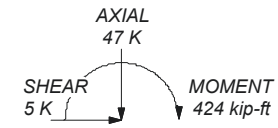
APPENDIX A

TNXTOWER OUTPUT

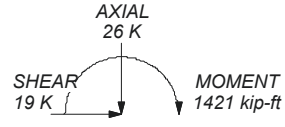
Section	1	2	3
Length (ft)	13.17	40.79	49.42
Number of Sides	18	18	18
Thickness (in)	0.1875	0.2500	0.3125
Socket Length (ft)	2.75	3.83	
Top Dia (in)	14.2500	16.3616	24.2074
Bot Dia (in)	17.3929	25.5722	37.5000
Grade	A572-65		
Weight (K)	0.4	2.3	5.1



ALL REACTIONS ARE FACTORED



TORQUE 0 kip-ft
50 mph WIND - 1.5000 in ICE



TORQUE 0 kip-ft
REACTIONS - 116 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 116 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 70.6%

Morrison Hershfield
Consulting Engineers
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
Phone: (770) 379-8500
FAX: (770) 379-8501

Job: CN13-126 / 2400001			
Project: 842876 / Windsor Locks			
Client: Crown Castle USA	Drawn by: KYR	App'd:	
Code: TIA-222-H	Date: 01/22/24	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

Tower is located in Hartford County, Connecticut.
Tower base elevation above sea level: 150.00 ft.
Basic wind speed of 116 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.5000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

	Consider Moments - Legs		Assume Legs Pinned		Calculate Redundant Bracing Forces
	Consider Moments - Horizontals	√	Assume Rigid Index Plate		Ignore Redundant Members in FEA
	Consider Moments - Diagonals	√	Use Clear Spans For Wind Area		SR Leg Bolts Resist Compression
	Use Moment Magnification		Use Clear Spans For KL/r		All Leg Panels Have Same Allowable
√	Use Code Stress Ratios		Retension Guys To Initial Tension		Offset Girt At Foundation
√	Use Code Safety Factors - Guys	√	Bypass Mast Stability Checks	√	Consider Feed Line Torque
	Escalate Ice	√	Use Azimuth Dish Coefficients		Include Angle Block Shear Check
	Always Use Max Kz	√	Project Wind Area of Appurtenances		Use TIA-222-H Bracing Resist. Exemption
	Use Special Wind Profile	√	Alternative Appurt. EPA Calculation		Use TIA-222-H Tension Splice Exemption
	Include Bolts In Member Capacity		Autocalc Torque Arm Areas		Poles
	Leg Bolts Are At Top Of Section		Add IBC .6D+W Combination	√	Include Shear-Torsion Interaction
	Secondary Horizontal Braces Leg		Sort Capacity Reports By Component		Always Use Sub-Critical Flow
	Use Diamond Inner Bracing (4 Sided)		Triangulate Diamond Inner Bracing		Use Top Mounted Sockets
	SR Members Have Cut Ends		Treat Feed Line Bundles As Cylinder		Pole Without Linear Attachments
	SR Members Are Concentric		Ignore KL/ry For 60 Deg. Angle Legs		Pole With Shroud Or No Appurtenances
	Distribute Leg Loads As Uniform		Use ASCE 10 X-Brace Ly Rules		Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	96.80-83.63	13.17	2.75	18	14.2500	17.3929	0.1875	0.7500	A572-65 (65 ksi)
L2	83.63-45.59	40.79	3.83	18	16.3616	25.5722	0.2500	1.0000	A572-65 (65 ksi)
L3	45.59-0.00	49.42		18	24.2074	37.5000	0.3125	1.2500	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	14.4409	8.3689	209.0900	4.9922	7.2390	28.8838	418.4551	4.1853	2.1780	11.616
	17.6323	10.2394	382.9481	6.1079	8.8356	43.3415	766.4002	5.1207	2.7312	14.566
L2	17.2060	12.7846	419.2793	5.7196	8.3117	50.4444	839.1103	6.3935	2.4396	9.759
	25.9281	20.0932	1627.7537	8.9894	12.9907	125.3017	3257.6492	10.0485	4.0607	16.243
L3	25.5787	23.7007	1709.6545	8.4827	12.2973	139.0263	3421.5587	11.8526	3.7105	11.874
	38.0303	36.8854	6444.4424	13.2016	19.0500	338.2909	12897.3645	18.4462	6.0500	19.36

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 96.80-83.63				1	1	1			
L2 83.63-45.59				1	1	1			
L3 45.59-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Climbing Pegs	B	No	Surface Ar (CaAa)	101.00 - 11.00	1	1	0.400 0.500	0.7050		1.80
******										
HCS 6X12 4AWG(1-5/8)	A	No	Surface Ar (CaAa)	65.00 - 8.00	4	3	0.000 0.180	1.6600		2.40
HB158-21U6S24-xxM_TMO(1-5/8)	A	No	Surface Ar (CaAa)	65.00 - 8.00	1	1	0.160 0.160	1.9960		2.50
******										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
******									
AL5-50(7/8)	C	No	No	Inside Pole	93.00 - 6.00	12	No Ice	0.00	0.26
							1/2" Ice	0.00	0.26
							1" Ice	0.00	0.26
							2" Ice	0.00	0.26
FSJ2-50(3/8)	C	No	No	Inside Pole	93.00 - 6.00	1	No Ice	0.00	0.08
							1/2" Ice	0.00	0.08

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
							1" Ice	0.00	0.08
							2" Ice	0.00	0.08
1266A(1/8)	C	No	No	Inside Pole	93.00 - 6.00	1	No Ice	0.00	0.01
							1/2" Ice	0.00	0.01
							1" Ice	0.00	0.01
							2" Ice	0.00	0.01
WR-VG86T(3/4)	C	No	No	Inside Pole	93.00 - 6.00	2	No Ice	0.00	0.53
							1/2" Ice	0.00	0.53
							1" Ice	0.00	0.53
							2" Ice	0.00	0.53
CONDUIT(2)	C	No	No	Inside Pole	93.00 - 6.00	1	No Ice	0.00	2.80
							1/2" Ice	0.00	2.80
							1" Ice	0.00	2.80
							2" Ice	0.00	2.80
******									
HJ7-50A(1-5/8)	A	No	No	Inside Pole	86.00 - 3.00	6	No Ice	0.00	1.04
							1/2" Ice	0.00	1.04
							1" Ice	0.00	1.04
							2" Ice	0.00	1.04
HB158-1-08U8-S8J18(1-5/8)	A	No	No	Inside Pole	86.00 - 3.00	2	No Ice	0.00	1.30
							1/2" Ice	0.00	1.30
							1" Ice	0.00	1.30
							2" Ice	0.00	1.30
******									
CU12PSM9P8XXX (1-3/8)	B	No	No	Inside Pole	76.00 - 6.00	1	No Ice	0.00	1.66
							1/2" Ice	0.00	1.66
							1" Ice	0.00	1.66
							2" Ice	0.00	1.66
******									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	96.80-83.63	A	0.000	0.000	0.000	0.000	0.02
		B	0.000	0.000	0.928	0.000	0.02
		C	0.000	0.000	0.000	0.000	0.07
L2	83.63-45.59	A	0.000	0.000	13.540	0.000	0.57
		B	0.000	0.000	2.682	0.000	0.12
		C	0.000	0.000	0.000	0.000	0.27
L3	45.59-0.00	A	0.000	0.000	26.223	0.000	0.83
		B	0.000	0.000	2.439	0.000	0.13
		C	0.000	0.000	0.000	0.000	0.28

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	96.80-83.63	A	1.410	0.000	0.000	0.000	0.000	0.02
		B		0.000	0.000	4.641	0.000	0.07
		C		0.000	0.000	0.000	0.000	0.07
L2	83.63-45.59	A	1.362	0.000	0.000	28.269	0.000	0.90
		B		0.000	0.000	13.406	0.000	0.26
		C		0.000	0.000	0.000	0.000	0.27
L3	45.59-0.00	A	1.226	0.000	0.000	53.933	0.000	1.44
		B		0.000	0.000	11.857	0.000	0.25
		C		0.000	0.000	0.000	0.000	0.28

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	96.80-83.63	0.5088	0.2265	1.1887	0.5292
L2	83.63-45.59	-1.6323	-1.7452	-1.0096	-1.4424
L3	45.59-0.00	-2.5074	-2.5110	-2.0823	-2.3390

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	1	Climbing Pegs	83.63 - 96.80	1.0000	1.0000
L2	1	Climbing Pegs	45.59 - 83.63	1.0000	1.0000
L2	14	HCS 6X12 4AWG(1-5/8)	45.59 - 65.00	1.0000	1.0000
L2	15	HB158-21U6S24-xxM_TMO(1-5/8)	45.59 - 65.00	1.0000	1.0000
L3	1	Climbing Pegs	11.00 - 45.59	1.0000	1.0000
L3	14	HCS 6X12 4AWG(1-5/8)	8.00 - 45.59	1.0000	1.0000
L3	15	HB158-21U6S24-xxM_TMO(1-5/8)	8.00 - 45.59	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) 7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.39 3.75 4.12 4.89	2.32 2.66 3.02 3.75	0.06 0.10 0.15 0.28
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.39 3.75 4.12 4.89	2.32 2.66 3.02 3.75	0.06 0.10 0.15 0.28
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.39 3.75 4.12 4.89	2.32 2.66 3.02 3.75	0.06 0.10 0.15 0.28
(2) 7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.39 3.75 4.12 4.89	2.32 2.66 3.02 3.75	0.06 0.10 0.15 0.28
AM-X-CD-16-65-00T-RET w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.63 5.06 5.51 6.43	3.27 3.69 4.12 5.00	0.07 0.13 0.20 0.38
P65-17-XLH-RR w/ Mount	B	From Leg	4.00	0.0000	93.00	No Ice	7.48	5.29	0.09

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Pipe			0.00 2.00			1/2" Ice 1" Ice 2" Ice	8.17 8.88 10.33	5.96 6.64 8.05	0.17 0.26 0.49
SBNH-1D6565C w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.56 6.07 6.59 7.65	4.47 4.97 5.47 6.52	0.08 0.17 0.26 0.50
(4) LGP21401	A	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(4) LGP21401	B	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(4) LGP21401	C	From Leg	4.00 0.00 1.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
RRUS 11	A	From Leg	3.00 0.00 2.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS 11	B	From Leg	3.00 0.00 2.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS 11	C	From Leg	3.00 0.00 2.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
DC6-48-60-18-8F	B	From Leg	2.00 0.00 4.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
3' x 2" Pipe Mount	B	From Leg	2.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.58 0.77 0.97 1.39	0.58 0.77 0.97 1.39	0.01 0.02 0.02 0.05
3' x 2" Pipe Mount	A	From Leg	3.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.58 0.77 0.97 1.39	0.58 0.77 0.97 1.39	0.01 0.02 0.02 0.05
3' x 2" Pipe Mount	B	From Leg	3.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.58 0.77 0.97 1.39	0.58 0.77 0.97 1.39	0.01 0.02 0.02 0.05
3' x 2" Pipe Mount	C	From Leg	3.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.58 0.77 0.97 1.39	0.58 0.77 0.97 1.39	0.01 0.02 0.02 0.05
6' x 2" Mount Pipe	B	From Leg	2.00	0.0000	93.00	No Ice	1.43	1.43	0.02

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00 0.00			1/2" Ice 1" Ice 2" Ice	1.92 2.29 3.06	1.92 2.29 3.06	0.03 0.05 0.09
(4) 7'x2" Antenna Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.66 2.39 2.83 3.71	1.66 2.39 2.83 3.71	0.03 0.04 0.06 0.10
(4) 7'x2" Antenna Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.66 2.39 2.83 3.71	1.66 2.39 2.83 3.71	0.03 0.04 0.06 0.10
(4) 7'x2" Antenna Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.66 2.39 2.83 3.71	1.66 2.39 2.83 3.71	0.03 0.04 0.06 0.10
Transition Ladder	A	From Leg	2.00 0.00 -2.00	0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.00 8.00 10.00 14.00	6.00 8.00 10.00 14.00	0.16 0.24 0.32 0.48
Platform Mount [LP 601-1]	A	None		0.0000	93.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.50 31.69 34.87 41.23	28.50 31.69 34.87 41.23	1.12 1.68 2.28 3.65
******									
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.94 6.47 7.02 8.17	3.10 3.55 4.02 5.01	0.10 0.13 0.18 0.28
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.94 6.47 7.02 8.17	3.10 3.55 4.02 5.01	0.10 0.13 0.18 0.28
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.94 6.47 7.02 8.17	3.10 3.55 4.02 5.01	0.10 0.13 0.18 0.28
(2) NHH-65B-R2B	A	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.16 4.56 4.98 5.84	2.49 2.88 3.27 4.08	0.04 0.09 0.15 0.28
(2) NHH-65B-R2B	B	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.16 4.56 4.98 5.84	2.49 2.88 3.27 4.08	0.04 0.09 0.15 0.28
(2) NHH-65B-R2B	C	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.16 4.56 4.98 5.84	2.49 2.88 3.27 4.08	0.04 0.09 0.15 0.28
BXA-70080-4CF-2 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.93 5.46 6.00 7.13	3.64 4.14 4.65 5.73	0.05 0.09 0.14 0.26

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
BXA-70080-4CF-2 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.93 5.46 6.00 7.13	3.64 4.14 4.65 5.73	0.05 0.09 0.14 0.26
BXA-80063-4CF-EDIN-2 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.74 5.24 5.77 6.86	3.28 3.76 4.25 5.28	0.04 0.08 0.12 0.24
RFV01U-D1A	A	From Leg	4.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D1A	B	From Leg	4.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D1A	C	From Leg	4.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D2A	A	From Leg	4.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	B	From Leg	4.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	C	From Leg	4.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
(2) RXXDC-3315-PF-48	C	From Leg	2.00 0.00 3.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.71 3.95 4.20 4.72	2.19 2.39 2.61 3.05	0.02 0.05 0.09 0.17
6' x 2" Mount Pipe	C	From Leg	2.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
8.5' x 2.375" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.90 3.71 4.76	2.02 2.90 3.71 4.76	0.03 0.05 0.07 0.13
8.5' x 2.375" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.90 3.71 4.76	2.02 2.90 3.71 4.76	0.03 0.05 0.07 0.13
8.5' x 2.375" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.90 3.71 4.76	2.02 2.90 3.71 4.76	0.03 0.05 0.07 0.13

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Side-By-Side Mounting Kit [#BSAMNT-SBS-1-2]	A	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 3.07 4.01 5.13	2.14 3.07 4.01 5.13	0.07 0.08 0.10 0.17
Side-By-Side Mounting Kit [#BSAMNT-SBS-1-2]	B	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 3.07 4.01 5.13	2.14 3.07 4.01 5.13	0.07 0.08 0.10 0.17
Side-By-Side Mounting Kit [#BSAMNT-SBS-1-2]	C	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 3.07 4.01 5.13	2.14 3.07 4.01 5.13	0.07 0.08 0.10 0.17
Platform Mount [LP 601-1]	A	None		0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.50 31.69 34.87 41.23	28.50 31.69 34.87 41.23	1.12 1.68 2.28 3.65
***									
BSF0020F3V1	A	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.96 1.09 1.22 1.50	0.29 0.36 0.45 0.64	0.02 0.02 0.03 0.06
BSF0020F3V1	B	From Leg	4.00 0.00 0.00	0.0000	86.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.96 1.09 1.22 1.50	0.29 0.36 0.45 0.64	0.02 0.02 0.03 0.06
******									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
TA08025-B605	A	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	B	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	C	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B604	A	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice	1.96 2.14 2.32	0.98 1.11 1.25	0.06 0.08 0.10

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice 2" Ice	2.71	1.55	0.15
TA08025-B604	B	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	C	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
RDIDC-9181-PF-48	B	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.01 2.19 2.37 2.76	1.17 1.31 1.46 1.78	0.02 0.04 0.06 0.11
(2) 8' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 8' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 8' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
Sabre C10801018-32788	A	None		0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	26.80 32.20 37.60 48.40	26.80 32.20 37.60 48.40	1.51 1.81 2.11 2.72
******									
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.18 0.31 0.45 0.78
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.18 0.31 0.45 0.78
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.18 0.31 0.45 0.78
VV-65A-R1_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.46 4.91 5.36 6.32	2.69 3.10 3.52 4.41	0.05 0.10 0.15 0.28
VV-65A-R1_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.46 4.91 5.36 6.32	2.69 3.10 3.52 4.41	0.05 0.10 0.15 0.28
VV-65A-R1_TMO w/ Mount Pipe	C	From Leg	4.00 0.00	0.0000	65.00	No Ice 1/2"	4.46 4.91	2.69 3.10	0.05 0.10

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			Ice	5.36	3.52	0.15
						1" Ice	6.32	4.41	0.28
						2" Ice			
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.19 5.59 6.02 6.90	2.71 3.04 3.38 4.12	0.13 0.17 0.23 0.35
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.19 5.59 6.02 6.90	2.71 3.04 3.38 4.12	0.13 0.17 0.23 0.35
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.19 5.59 6.02 6.90	2.71 3.04 3.38 4.12	0.13 0.17 0.23 0.35
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 2.32 2.51 2.91	1.69 1.85 2.02 2.39	0.11 0.13 0.16 0.22
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 2.32 2.51 2.91	1.69 1.85 2.02 2.39	0.11 0.13 0.16 0.22
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 2.32 2.51 2.91	1.69 1.85 2.02 2.39	0.11 0.13 0.16 0.22
6' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Horizontal Mount Pipe	A	From Leg	2.00 0.00	0.0000	65.00	No Ice 1/2"	1.14 1.76	0.01 0.04	0.02 0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			Ice	2.14	0.09	0.04
						1" Ice	2.90	0.21	0.08
						2" Ice			
6' x 2" Horizontal Mount Pipe	B	From Leg	2.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.14 1.76 2.14 2.90	0.01 0.04 0.09 0.21	0.02 0.03 0.04 0.08
6' x 2" Horizontal Mount Pipe	C	From Leg	2.00 0.00 0.00	0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.14 1.76 2.14 2.90	0.01 0.04 0.09 0.21	0.02 0.03 0.04 0.08
Platform Mount [LP 303-1_KCKR-HR-1]	A	None		0.0000	65.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.31 35.69 43.11 58.21	28.31 35.69 43.11 58.21	1.77 2.30 2.94 4.60
******									

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp

Comb. No.	Description
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	96.8 - 83.63	Pole	Max Tension	1	0.00	-0.11	0.13
			Max. Compression	26	-8.83	-0.46	0.48
			Max. Mx	8	-3.10	-32.24	0.15
			Max. My	2	-3.11	0.01	32.30
			Max. Vy	20	-4.66	31.85	0.49
			Max. Vx	2	-4.65	0.01	32.30
			Max. Torque	25			-0.44
L2	83.63 - 45.59	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.98	0.24	0.49
			Max. Mx	20	-16.52	516.40	0.24
			Max. My	2	-16.53	-0.23	514.13
			Max. Vy	20	-16.77	516.40	0.24
			Max. Vx	2	-16.70	-0.23	514.13
			Max. Torque	16			-0.13
L3	45.59 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-47.37	1.50	1.48
			Max. Mx	20	-25.55	1394.21	0.51
			Max. My	2	-25.55	0.19	1388.40
			Max. Vy	20	-18.71	1394.21	0.51
			Max. Vx	2	-18.64	0.19	1388.40
			Max. Torque	4			-0.07

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	47.37	5.41	-0.00
	Max. H_x	21	19.18	18.68	-0.00
	Max. H_z	3	19.18	-0.00	18.61
	Max. M_x	2	1388.40	-0.00	18.61
	Max. M_z	8	1392.90	-18.68	0.00
	Max. Torsion	18	0.07	16.51	-9.50
	Min. Vert	13	19.18	-9.34	-16.12
	Min. H_x	9	19.18	-18.68	0.00
	Min. H_z	15	19.18	0.00	-18.61
	Min. M_x	14	-1386.45	0.00	-18.61
	Min. M_z	20	-1394.21	18.68	-0.00
	Min. Torsion	4	-0.07	-9.72	16.77

Tower Mast Reaction Summary

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead Only	21.31	0.00	0.00	-0.77	0.53	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	25.57	0.00	-18.61	-1388.40	0.19	0.05
0.9 Dead+1.0 Wind 0 deg - No Ice	19.18	0.00	-18.61	-1369.52	0.03	0.05
1.2 Dead+1.0 Wind 30 deg - No Ice	25.57	9.72	-16.77	-1229.89	-712.20	0.07
0.9 Dead+1.0 Wind 30 deg - No Ice	19.18	9.72	-16.77	-1213.25	-702.86	0.07
1.2 Dead+1.0 Wind 60 deg - No Ice	25.57	16.51	-9.50	-702.09	-1218.56	0.06
0.9 Dead+1.0 Wind 60 deg - No Ice	19.18	16.51	-9.50	-692.46	-1202.42	0.06
1.2 Dead+1.0 Wind 90 deg - No Ice	25.57	18.68	-0.00	-1.45	-1392.90	0.04
0.9 Dead+1.0 Wind 90 deg - No Ice	19.18	18.68	-0.00	-1.18	-1374.36	0.04
1.2 Dead+1.0 Wind 120 deg - No Ice	25.57	16.17	9.30	692.32	-1205.98	0.02
0.9 Dead+1.0 Wind 120 deg - No Ice	19.18	16.17	9.30	683.27	-1189.94	0.01
1.2 Dead+1.0 Wind 150 deg - No Ice	25.57	9.34	16.12	1200.33	-695.73	-0.01
0.9 Dead+1.0 Wind 150 deg - No Ice	19.18	9.34	16.12	1184.47	-686.55	-0.02
1.2 Dead+1.0 Wind 180 deg - No Ice	25.57	-0.00	18.61	1386.45	1.12	-0.04
0.9 Dead+1.0 Wind 180 deg - No Ice	19.18	-0.00	18.61	1368.08	0.95	-0.04
1.2 Dead+1.0 Wind 210 deg - No Ice	25.57	-9.72	16.77	1227.93	713.52	-0.06
0.9 Dead+1.0 Wind 210 deg - No Ice	19.18	-9.72	16.77	1211.81	703.84	-0.06
1.2 Dead+1.0 Wind 240 deg - No Ice	25.57	-16.51	9.50	700.13	1219.88	-0.07
0.9 Dead+1.0 Wind 240 deg - No Ice	19.18	-16.51	9.50	691.01	1203.40	-0.06
1.2 Dead+1.0 Wind 270 deg - No Ice	25.57	-18.68	0.00	-0.51	1394.21	-0.06
0.9 Dead+1.0 Wind 270 deg - No Ice	19.18	-18.68	0.00	-0.26	1375.33	-0.05
1.2 Dead+1.0 Wind 300 deg - No Ice	25.57	-16.17	-9.30	-694.28	1207.28	-0.02
0.9 Dead+1.0 Wind 300 deg - No Ice	19.18	-16.17	-9.30	-684.72	1190.92	-0.02
1.2 Dead+1.0 Wind 330 deg - No Ice	25.57	-9.34	-16.12	-1202.29	697.04	0.02
0.9 Dead+1.0 Wind 330 deg - No Ice	19.18	-9.34	-16.12	-1185.91	687.52	0.02
1.2 Dead+1.0 Ice+1.0 Temp	47.37	-0.00	-0.00	-1.48	1.50	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	47.37	0.00	-5.40	-422.27	1.50	0.04
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	47.37	2.71	-4.67	-365.95	-209.48	0.02
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	47.37	4.69	-2.70	-212.00	-363.90	-0.01
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	47.37	5.41	-0.00	-1.67	-420.39	-0.04
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	47.37	4.69	2.70	208.69	-363.81	-0.05
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	47.37	2.70	4.67	362.70	-209.33	-0.05
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	47.37	-0.00	5.40	419.11	1.67	-0.04
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	47.37	-2.71	4.67	362.79	212.65	-0.02

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	47.37	-4.69	2.70	208.84	367.07	0.01
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	47.37	-5.41	0.00	-1.49	423.56	0.04
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	47.37	-4.69	-2.70	-211.85	366.98	0.05
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	47.37	-2.70	-4.67	-365.86	212.50	0.06
Dead+Wind 0 deg - Service	21.31	0.00	-4.69	-347.98	0.43	0.02
Dead+Wind 30 deg - Service	21.31	2.45	-4.23	-308.34	-177.85	0.02
Dead+Wind 60 deg - Service	21.31	4.16	-2.39	-176.25	-304.55	0.02
Dead+Wind 90 deg - Service	21.31	4.71	-0.00	-0.93	-348.16	0.01
Dead+Wind 120 deg - Service	21.31	4.08	2.34	172.67	-301.39	0.00
Dead+Wind 150 deg - Service	21.31	2.35	4.06	299.79	-173.71	-0.01
Dead+Wind 180 deg - Service	21.31	-0.00	4.69	346.36	0.66	-0.01
Dead+Wind 210 deg - Service	21.31	-2.45	4.23	306.72	178.93	-0.02
Dead+Wind 240 deg - Service	21.31	-4.16	2.39	174.63	305.64	-0.02
Dead+Wind 270 deg - Service	21.31	-4.71	0.00	-0.69	349.25	-0.01
Dead+Wind 300 deg - Service	21.31	-4.08	-2.34	-174.29	302.47	-0.00
Dead+Wind 330 deg - Service	21.31	-2.35	-4.06	-301.41	174.79	0.01

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-21.31	0.00	0.00	21.31	0.00	0.000%
2	0.00	-25.57	-18.61	-0.00	25.57	18.61	0.000%
3	0.00	-19.18	-18.61	-0.00	19.18	18.61	0.000%
4	9.72	-25.57	-16.77	-9.72	25.57	16.77	0.000%
5	9.72	-19.18	-16.77	-9.72	19.18	16.77	0.000%
6	16.51	-25.57	-9.50	-16.51	25.57	9.50	0.000%
7	16.51	-19.18	-9.50	-16.51	19.18	9.50	0.000%
8	18.68	-25.57	-0.00	-18.68	25.57	0.00	0.000%
9	18.68	-19.18	-0.00	-18.68	19.18	0.00	0.000%
10	16.17	-25.57	9.30	-16.17	25.57	-9.30	0.000%
11	16.17	-19.18	9.30	-16.17	19.18	-9.30	0.000%
12	9.34	-25.57	16.12	-9.34	25.57	-16.12	0.000%
13	9.34	-19.18	16.12	-9.34	19.18	-16.12	0.000%
14	-0.00	-25.57	18.61	0.00	25.57	-18.61	0.000%
15	-0.00	-19.18	18.61	0.00	19.18	-18.61	0.000%
16	-9.72	-25.57	16.77	9.72	25.57	-16.77	0.000%
17	-9.72	-19.18	16.77	9.72	19.18	-16.77	0.000%
18	-16.51	-25.57	9.50	16.51	25.57	-9.50	0.000%
19	-16.51	-19.18	9.50	16.51	19.18	-9.50	0.000%
20	-18.68	-25.57	0.00	18.68	25.57	-0.00	0.000%
21	-18.68	-19.18	0.00	18.68	19.18	-0.00	0.000%
22	-16.17	-25.57	-9.30	16.17	25.57	9.30	0.000%
23	-16.17	-19.18	-9.30	16.17	19.18	9.30	0.000%
24	-9.34	-25.57	-16.12	9.34	25.57	16.12	0.000%
25	-9.34	-19.18	-16.12	9.34	19.18	16.12	0.000%
26	0.00	-47.37	0.00	0.00	47.37	0.00	0.000%
27	0.00	-47.37	-5.40	-0.00	47.37	5.40	0.000%
28	2.71	-47.37	-4.67	-2.71	47.37	4.67	0.000%
29	4.69	-47.37	-2.70	-4.69	47.37	2.70	0.000%
30	5.41	-47.37	-0.00	-5.41	47.37	0.00	0.000%
31	4.69	-47.37	2.70	-4.69	47.37	-2.70	0.000%
32	2.70	-47.37	4.67	-2.70	47.37	-4.67	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
33	-0.00	-47.37	5.40	0.00	47.37	-5.40	0.000%
34	-2.71	-47.37	4.67	2.71	47.37	-4.67	0.000%
35	-4.69	-47.37	2.70	4.69	47.37	-2.70	0.000%
36	-5.41	-47.37	0.00	5.41	47.37	-0.00	0.000%
37	-4.69	-47.37	-2.70	4.69	47.37	2.70	0.000%
38	-2.70	-47.37	-4.67	2.70	47.37	4.67	0.000%
39	0.00	-21.31	-4.69	-0.00	21.31	4.69	0.000%
40	2.45	-21.31	-4.23	-2.45	21.31	4.23	0.000%
41	4.16	-21.31	-2.39	-4.16	21.31	2.39	0.000%
42	4.71	-21.31	-0.00	-4.71	21.31	0.00	0.000%
43	4.08	-21.31	2.34	-4.08	21.31	-2.34	0.000%
44	2.35	-21.31	4.06	-2.35	21.31	-4.06	0.000%
45	-0.00	-21.31	4.69	0.00	21.31	-4.69	0.000%
46	-2.45	-21.31	4.23	2.45	21.31	-4.23	0.000%
47	-4.16	-21.31	2.39	4.16	21.31	-2.39	0.000%
48	-4.71	-21.31	0.00	4.71	21.31	-0.00	0.000%
49	-4.08	-21.31	-2.34	4.08	21.31	2.34	0.000%
50	-2.35	-21.31	-4.06	2.35	21.31	4.06	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00001661
3	Yes	4	0.00000001	0.00037996
4	Yes	6	0.00000001	0.00012944
5	Yes	5	0.00000001	0.00090943
6	Yes	6	0.00000001	0.00012769
7	Yes	5	0.00000001	0.00089836
8	Yes	5	0.00000001	0.00001488
9	Yes	4	0.00000001	0.00037000
10	Yes	6	0.00000001	0.00012599
11	Yes	5	0.00000001	0.00088774
12	Yes	6	0.00000001	0.00012643
13	Yes	5	0.00000001	0.00089177
14	Yes	5	0.00000001	0.00001215
15	Yes	4	0.00000001	0.00036166
16	Yes	6	0.00000001	0.00012851
17	Yes	5	0.00000001	0.00090337
18	Yes	6	0.00000001	0.00012760
19	Yes	5	0.00000001	0.00089813
20	Yes	5	0.00000001	0.00001108
21	Yes	4	0.00000001	0.00035790
22	Yes	6	0.00000001	0.00012694
23	Yes	5	0.00000001	0.00089444
24	Yes	6	0.00000001	0.00012619
25	Yes	5	0.00000001	0.00088858
26	Yes	4	0.00000001	0.00001646
27	Yes	5	0.00000001	0.00039978
28	Yes	5	0.00000001	0.00080459
29	Yes	5	0.00000001	0.00080955
30	Yes	5	0.00000001	0.00039936
31	Yes	5	0.00000001	0.00078699
32	Yes	5	0.00000001	0.00080109
33	Yes	5	0.00000001	0.00039690
34	Yes	5	0.00000001	0.00080015
35	Yes	5	0.00000001	0.00079683
36	Yes	5	0.00000001	0.00040133
37	Yes	5	0.00000001	0.00081815
38	Yes	5	0.00000001	0.00080224
39	Yes	4	0.00000001	0.00006508
40	Yes	4	0.00000001	0.00069784
41	Yes	4	0.00000001	0.00067617
42	Yes	4	0.00000001	0.00006379
43	Yes	4	0.00000001	0.00065091

44	Yes	4	0.00000001	0.00066065
45	Yes	4	0.00000001	0.00006399
46	Yes	4	0.00000001	0.00067567
47	Yes	4	0.00000001	0.00067070
48	Yes	4	0.00000001	0.00006378
49	Yes	4	0.00000001	0.00067235
50	Yes	4	0.00000001	0.00065932

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	96.8 - 83.63	17.997	40	1.5854	0.0008
L2	86.38 - 45.59	14.553	40	1.5572	0.0002
L3	49.42 - 0	4.565	40	0.8988	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
93.00	(2) 7770.00 w/ Mount Pipe	40	16.733	1.5810	0.0005	16222
86.00	MT6407-77A w/ Mount Pipe	40	14.430	1.5547	0.0002	7677
76.00	MX08FRO665-21 w/ Mount Pipe	40	11.283	1.4420	0.0002	4373
65.00	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	40	8.142	1.2399	0.0002	2980

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	96.8 - 83.63	71.781	4	6.3275	0.0033
L2	86.38 - 45.59	58.077	4	6.2210	0.0012
L3	49.42 - 0	18.240	4	3.5944	0.0003

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
93.00	(2) 7770.00 w/ Mount Pipe	4	66.750	6.3126	0.0021	4231
86.00	MT6407-77A w/ Mount Pipe	4	57.585	6.2113	0.0011	1995
76.00	MX08FRO665-21 w/ Mount Pipe	4	45.046	5.7644	0.0007	1124
65.00	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	4	32.519	4.9581	0.0006	759

Compression Checks

Pole Design Data

Section No.	Elevation	Size	L	L_u	Kl/r	A	P_u	ϕP_n	Ratio $\frac{P_u}{\phi P_n}$
	ft		ft	ft		in^2	K	K	
L1	96.8 - 83.63 (1)	TP17.3929x14.25x0.1875	13.17	0.00	0.0	9.8488	-3.10	576.15	0.005
L2	83.63 - 45.59 (2)	TP25.5722x16.3616x0.25	40.79	0.00	0.0	19.4069	-16.49	1135.30	0.015
L3	45.59 - 0 (3)	TP37.5x24.2074x0.3125	49.42	0.00	0.0	36.8854	-25.55	2157.79	0.012

Pole Bending Design Data

Section No.	Elevation	Size	M_{ux}	ϕM_{nx}	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy}	ϕM_{ny}	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
	ft		kip-ft	kip-ft		kip-ft	kip-ft	
L1	96.8 - 83.63 (1)	TP17.3929x14.25x0.1875	32.33	248.15	0.130	0.00	248.15	0.000
L2	83.63 - 45.59 (2)	TP25.5722x16.3616x0.25	520.17	718.42	0.724	0.00	718.42	0.000
L3	45.59 - 0 (3)	TP37.5x24.2074x0.3125	1421.22	1968.72	0.722	0.00	1968.72	0.000

Pole Shear Design Data

Section No.	Elevation	Size	Actual V_u	ϕV_n	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u	ϕT_n	Ratio $\frac{T_u}{\phi T_n}$
	ft		K	K		kip-ft	kip-ft	
L1	96.8 - 83.63 (1)	TP17.3929x14.25x0.1875	4.67	172.85	0.027	0.43	250.50	0.002
L2	83.63 - 45.59 (2)	TP25.5722x16.3616x0.25	17.03	340.59	0.050	0.07	729.50	0.000
L3	45.59 - 0 (3)	TP37.5x24.2074x0.3125	19.42	647.34	0.030	0.07	2108.18	0.000

Pole Interaction Design Data

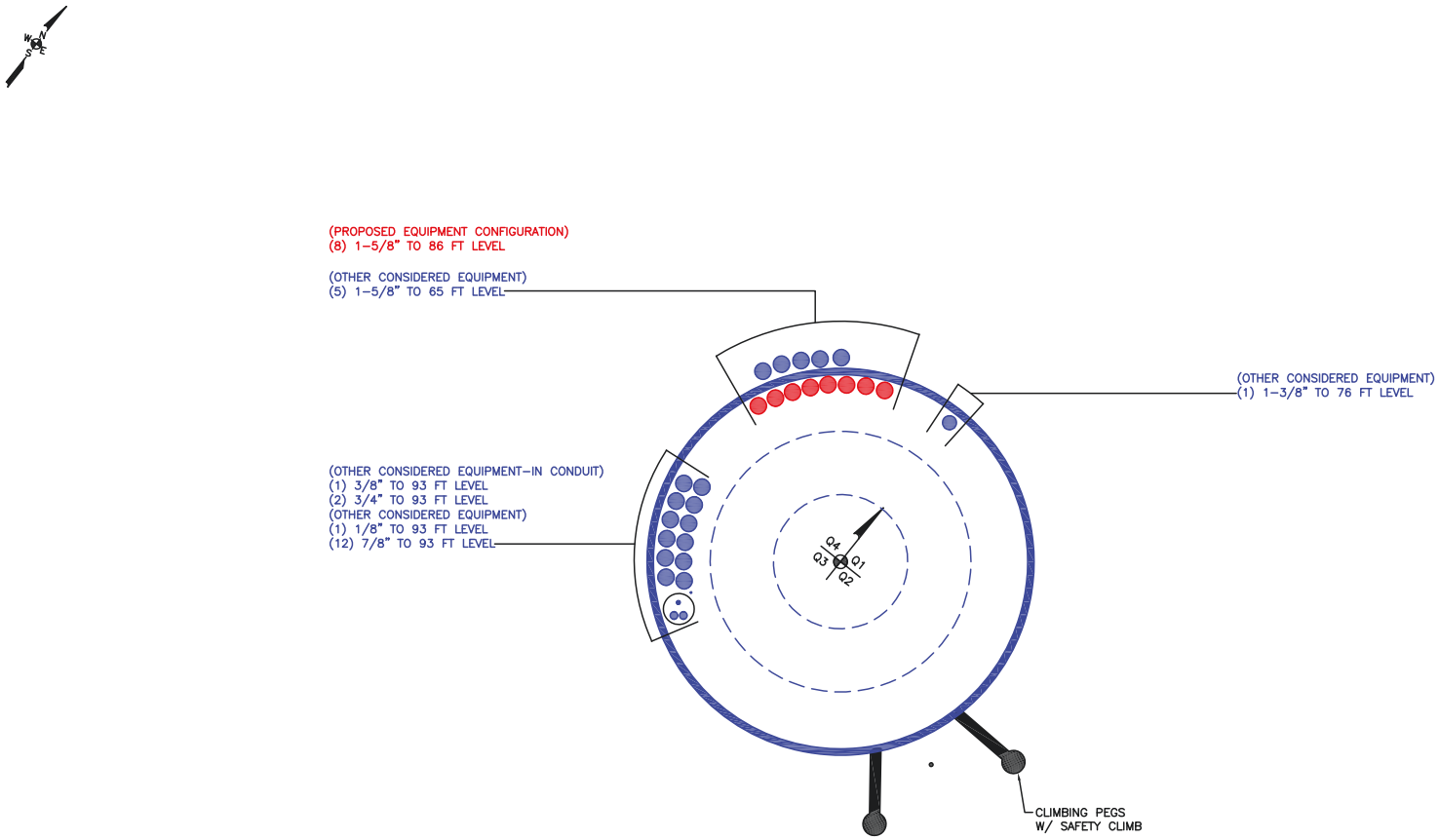
Section No.	Elevation	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
	ft								
L1	96.8 - 83.63 (1)	0.005	0.130	0.000	0.027	0.002	0.136	1.050	
L2	83.63 - 45.59 (2)	0.015	0.724	0.000	0.050	0.000	0.741	1.050	
L3	45.59 - 0 (3)	0.012	0.722	0.000	0.030	0.000	0.735	1.050	

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	96.8 - 83.63	Pole	TP17.3929x14.25x0.1875	1	-3.10	604.96	13.0	Pass
L2	83.63 - 45.59	Pole	TP25.5722x16.3616x0.25	2	-16.49	1192.07	70.6	Pass
L3	45.59 - 0	Pole	TP37.5x24.2074x0.3125	3	-25.55	2265.68	70.0	Pass
							Summary	
						Pole (L2)	70.6	Pass
						RATING =	**70.6**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 842876 TOWER ID: C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

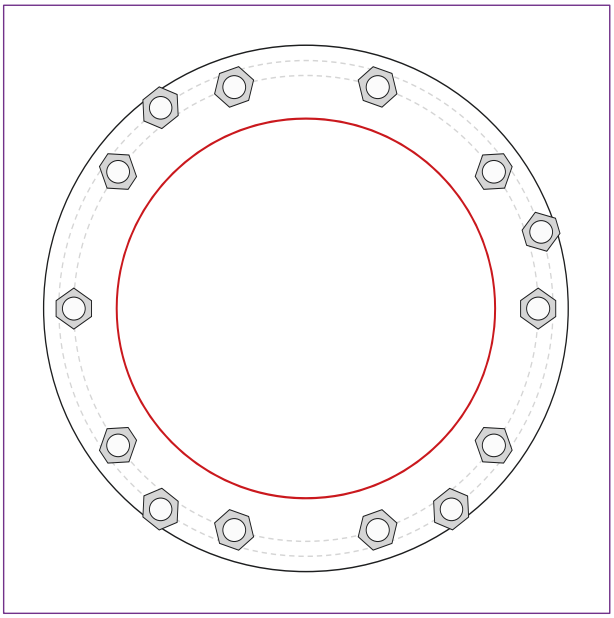
Monopole Base Plate Connection

Site Info	
BU #	842876
Site Name	Windsor Locks
Order #	654604 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	See Custom Sheet
l_{ar} (in)	See Custom Sheet

Applied Loads	
Moment (kip-ft)	1421.22
Axial Force (kips)	25.55
Shear Force (kips)	19.42

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

GROUP 1: (10) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 46" BC

GROUP 2: (4) 2-1/4" ø bolts (F1554-105 N; Fy=105 ksi, Fu=125 ksi) on 49" BC

pos. (deg): 18, 126, 234, 306

Base Plate Data

52" OD x 1.5" Plate (A871 GR60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

37.5" x 0.3125" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

GROUP 1:		
Pu_t = 103.3	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.94	ϕVn = 149.1	**40.4%**
Mu = n/a	ϕMn = n/a	**Pass**
GROUP 2:		
Pu_t = 110.51	ϕPn_t = 304.69	**Stress Rating**
Vu = 0	ϕVn = 186.38	**34.5%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	43.09	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**76.0%**	**Pass**

CCIplate

Elevation (ft)	0	*(Base)*

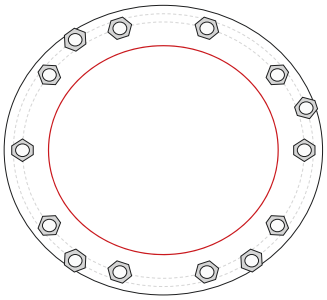
note: Bending interaction not considered when Grout Considered = "Yes"

Bolt Group	Resist Axial	Resist Shear	Induce Plate Bending	Grout Considered	Apply at BARB Elevation	BARB CL Elevation (ft)
1	Yes	Yes	Yes	No	No	
2	No	No	No	No	No	

Custom Bolt Connection

Bolt	Bolt Group ID	Location (deg.)	Diameter (in)	Material	Bolt Circle (in)	Eta Factor, n:	l_{ar} (in):	Thread Type	Area Override, in^2	Tension Only
1	1	0	2.25	A615-75	46	0.5	0.75	N-Included		No
2	1	36	2.25	A615-75	46	0.5	0.75	N-Included		No
3	1	72	2.25	A615-75	46	0.5	0.75	N-Included		No
4	1	108	2.25	A615-75	46	0.5	0.75	N-Included		No
5	1	144	2.25	A615-75	46	0.5	0.75	N-Included		No
6	1	180	2.25	A615-75	46	0.5	0.75	N-Included		No
7	1	216	2.25	A615-75	46	0.5	0.75	N-Included		No
8	1	252	2.25	A615-75	46	0.5	0.75	N-Included		No
9	1	288	2.25	A615-75	46	0.5	0.75	N-Included		No
10	1	324	2.25	A615-75	46	0.5	0.75	N-Included		No
11	2	18	2.25	F1554-105	49	0.5	0.75	N-Included		No
12	2	126	2.25	F1554-105	49	0.5	0.75	N-Included		No
13	2	234	2.25	F1554-105	49	0.5	0.75	N-Included		No
14	2	306	2.25	F1554-105	49	0.5	0.75	N-Included		No

Plot Graphic



Drilled Pier Foundation

BU # :	842876
Site Name:	Windsor Locks
Order Number:	654604 Rev. 0
TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	1421.22	
Axial Force (kips)	25.57	
Shear Force (kips)	19.38	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	60	ksi

Pier Design Data		
Depth	21	ft
Ext. Above Grade	1	ft
Pier Section 1		
From 1' above grade to 21' below grade		
Pier Diameter	6	ft
Rebar Quantity	15	
Rebar Size	11	
Rebar Cage Diameter	61	in
Tie Size	5	
Tie Spacing	12	in

Rebar & Pier Options
Embedded Pole Inputs
Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	6.95	-
Soil Safety Factor	3.65	-
Max Moment (kip-ft)	1541.87	-
Rating*	*34.7%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	248.81	-
End Bearing (kips)	1272.35	-
Weight of Concrete (kips)	111.97	-
Total Capacity (kips)	1521.16	-
Axial (kips)	137.54	-
Rating*	*8.6%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	6.75	-
Critical Moment (kip-ft)	1541.61	-
Critical Moment Capacity	3244.68	-
Rating*	*45.2%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	16.43	-
Critical Shear (kip)	217.44	-
Critical Shear Capacity	547.69	-
Rating*	*37.8%*	-

Structural Foundation Rating*	**45.2%**
Soil Interaction Rating*	**34.7%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Design Options	
Input Effective Depths (else Actual):	☐
Consider non-tapered moment capacity:	☐
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☐
Override Critical Depth:	☐

Go to Soil Calculations

Soil Profile

Groundwater Depth	30

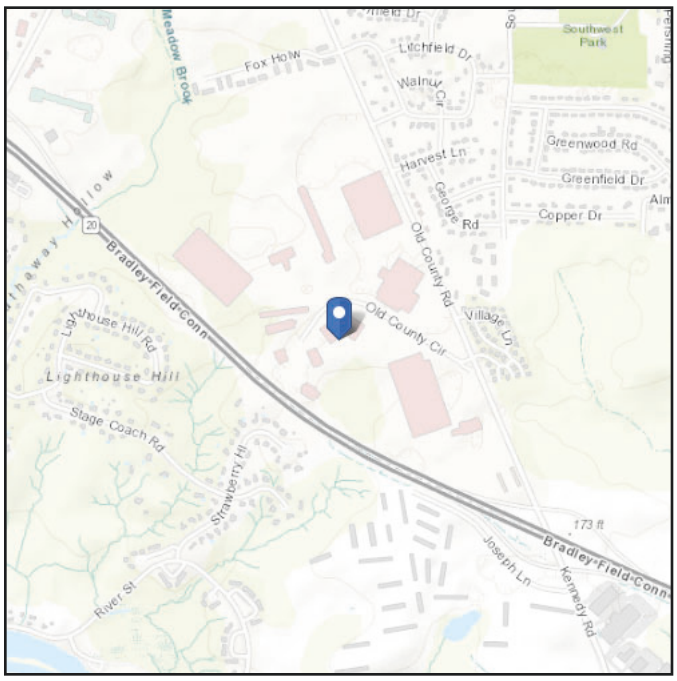
# of Layers	4

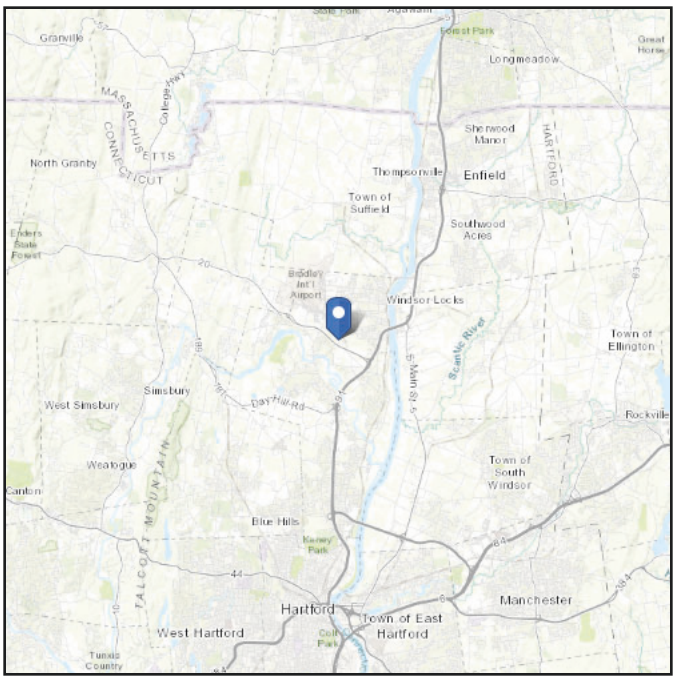
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	4.17	4.17	125	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	4.17	5	0.83	125	150	0	34	0.000	0.000	0.00	0.00			Cohesionless
3	5	15	10	125	150	0	34	0.000	0.000	0.80	0.80			Cohesionless
4	15	21	6	125	150	0	34	0.000	0.000	1.60	1.60	60		Cohesionless

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.910244
Risk Category:	II	**Longitude:**	-72.661786
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	149.5668754488695 ft (NAVD 88)





Wind

Results:

Wind Speed	116 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

Data Source:	ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed:	Mon Jan 22 2024

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

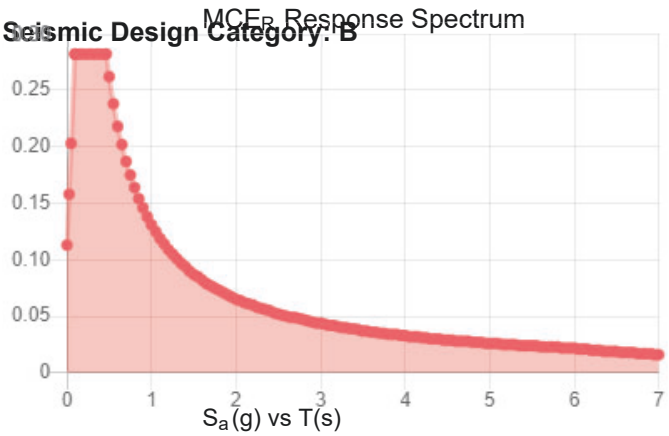
Seismic

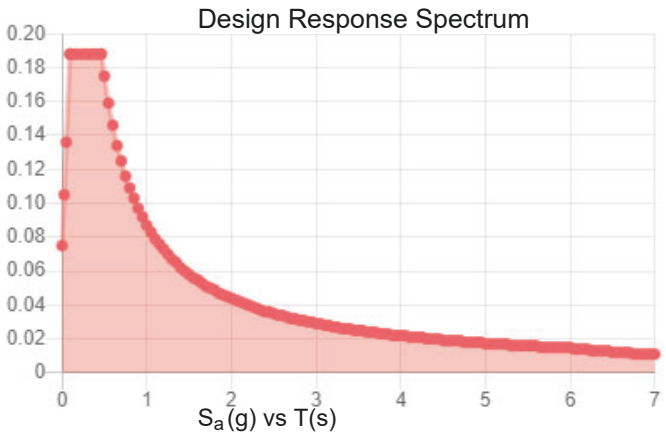
Site Soil Class: D - Default (see Section 11.4.3)

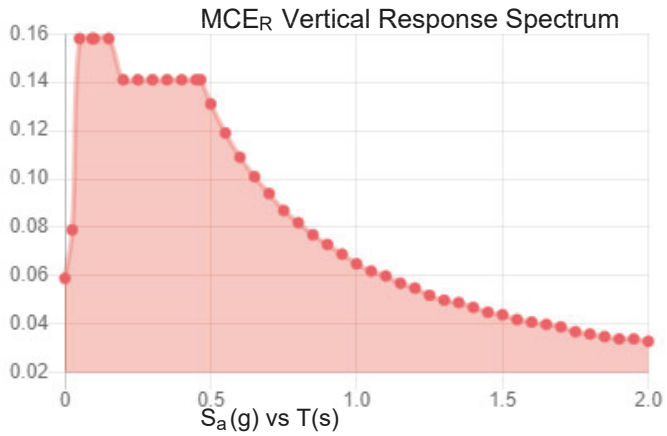
Results:

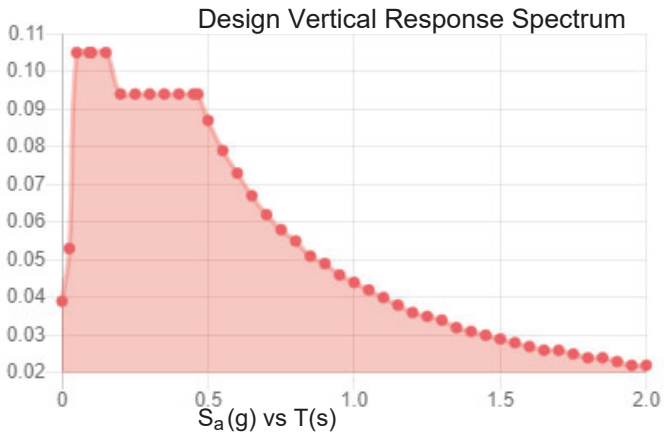
S_S :	0.176	S_{D1} :	0.087
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.093
F_v :	2.4	PGA_M :	0.149
S_{MS} :	0.282	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.188	C_v :	0.7

Seismic Design Category: B









Data Accessed: Mon Jan 22 2024

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	5 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Mon Jan 22 2024

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Colliers Engineering & Design CT, P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206822
Colliers Engineering & Design CT, P.C. Project #: 23777124

July 11, 2023

Site Information	*Site ID:*	*5000383347-VZW / WINDSOR LOCKS 2 CT*
	Site Name:	*WINDSOR LOCKS 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1000 Old County Circle Rd* *Windsor, Connecticut 06095* *Hartford County*
	Latitude:	*41.910097°*
	Longitude:	*-72.661758°*
Structure Information	*Tower Type:*	*95-Ft Monopole*
	Mount Type:	*12.00-Ft Platform*

FUZE ID # 17123876

Analysis Results

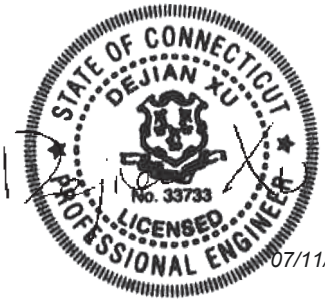
Platform: **70.9% Pass***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Frank Centone



07/11/2023

Executive Summary:

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 675104, dated October 19, 2020*
Mount Mapping Report	*Hudson Design Group, LLC, Site ID: 467751, dated April 28, 2021*
Post Mount Inspection Report	*Maser Consulting Connecticut, Project #: 21777829, dated June 21, 2022*
Final Loading Guidance	*Filter Add Scope Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.995
Seismic Parameters:	S_S:	0.181 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

The following equipment has been considered for the analysis of the mount:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
85.00	85.00	2	KAelus	BSF0020F3V1-1	Added
		1	Raycap	RRFDC-3315-PF-48	Retained
		3	Samsung	MT6407-77A	
		6	Commscope	NHH-65B-R2B	
		2	Amphenol Antel	BXA-70080-4BF-EDIN-0	
		1	Antel	BXA-80063/4CF	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	RFS	DB-B1-6C-12AB-0Z	

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount.

The recent mount mapping reported existing OVP units. It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

Model Number	Ports	AKA
DB-B1-6C-12AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

   Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping and reported in the Mount Mapping Report are assumed to be corrected and documented as part of the PMI process and are not considered in the mount analysis.

   The mount analysis and the mount mapping are not a condition assessment of the mount. Proper maintenance and condition assessments are still required post analysis.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design.

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	68.6%	Pass
Cross Brace	54.1%	Pass
Standoff Horizontal	31.2%	Pass
Corner Plate	1.6%	Pass
Ladder Rail	29.2%	Pass
Ladder Rung	12.1%	Pass
Mount Pipe	42.4%	Pass
Platform Plate	70.9%	Pass
Mount Connection	18.8%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**70.9%**

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	24.6	24.5	43.9	43.9
0.5	30.1	29.7	57.8	57.1
1	35.1	34.6	71.1	70.1

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

N/A

If required, ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other. Separate review fees will apply.

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

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MDG #: 5000383347 SMART Project #: 10206822 Fuze Project ID: 17123876

Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the installation was completed in accordance with this Passing Mount Analysis.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.

- Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.
    - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:

Issue:

N/A

Response:

Special Instruction Confirmation:

☐ The contractor has read and acknowledges the above special instructions.

☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool engineering vendor as an “equivalent” and this approval is included as part of the contractor submission.

Comments:

Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

Structure: 5000383347-VZW - WINDSOR LOCKS 2 CT

Sector: **A**

Structure Type: Monopole

Mount Elev: 85.00

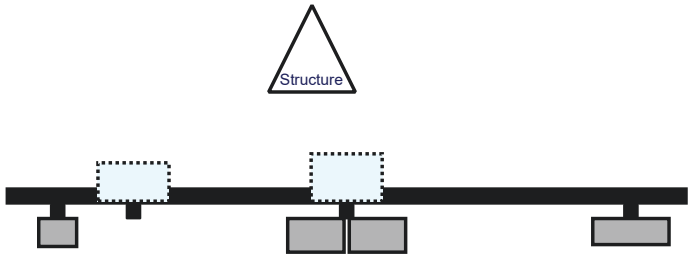
10206822

7/11/2023

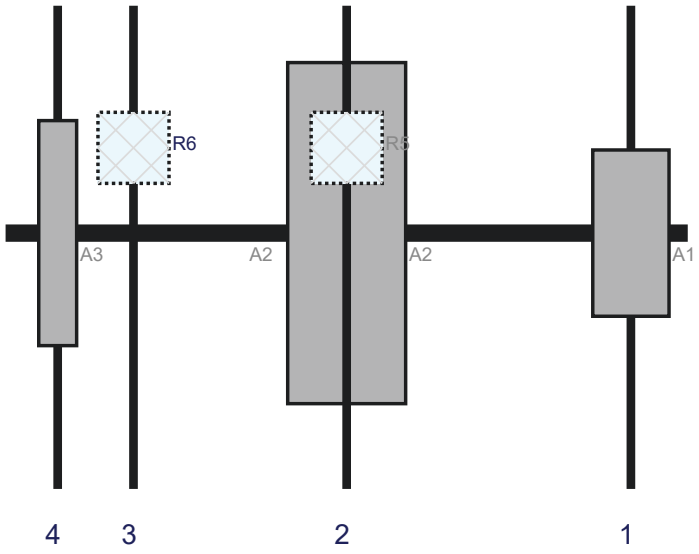
Page: 1

Colliers Engineering & Design

Plan View

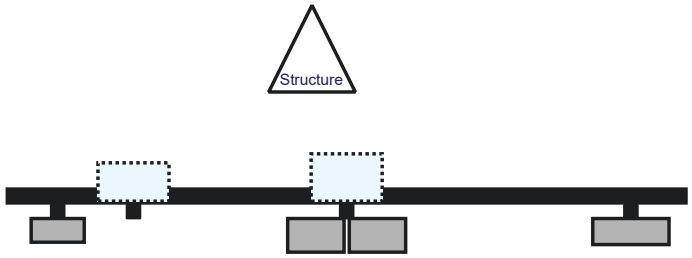


Front View - Looking at Structure

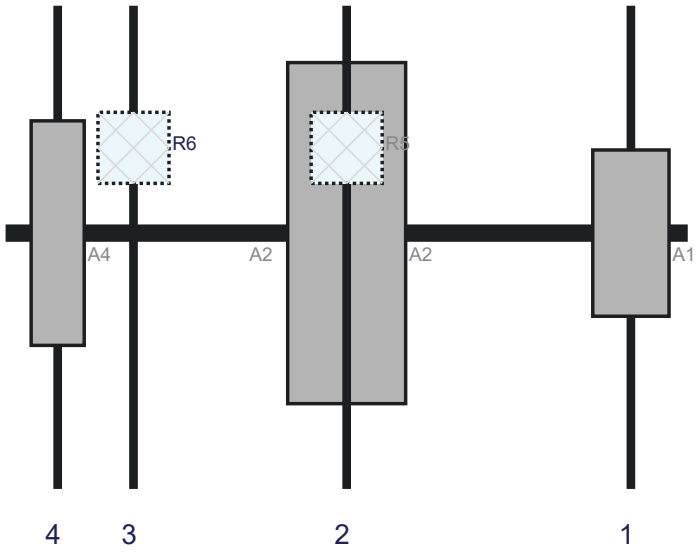


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MT6407-77A	35.1	16.1	132	1	a	Front	48	0	Retained	06/13/2022
A2	NHH-65B-R2B	72	11.9	72	2	a	Front	48	6.5	Retained	06/13/2022
A2	NHH-65B-R2B	72	11.9	72	2	b	Front	48	-6.5	Retained	06/13/2022
R5	B2/B66A RRH-BR049	15	15	72	2	a	Behind	30	0	Retained	06/13/2022
R6	B5/B13 RRH-BR04C	15	15	27	3	a	Behind	30	0	Retained	06/13/2022
A3	BXA-70080-4BF-EDIN-0	47.5	8	11	4	a	Front	48	0	Retained	06/13/2022
M33	DB-B1-6C-12AB-0Z	28.93	15.73		Member					Retained	06/13/2022
M33	RRFDC-3315-PF-48	19.1	15.7		Member					Retained	06/13/2022

Plan View

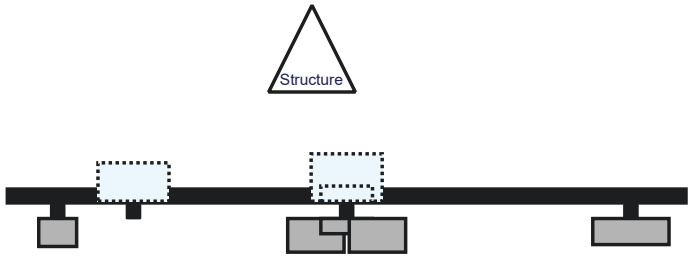


Front View - Looking at Structure

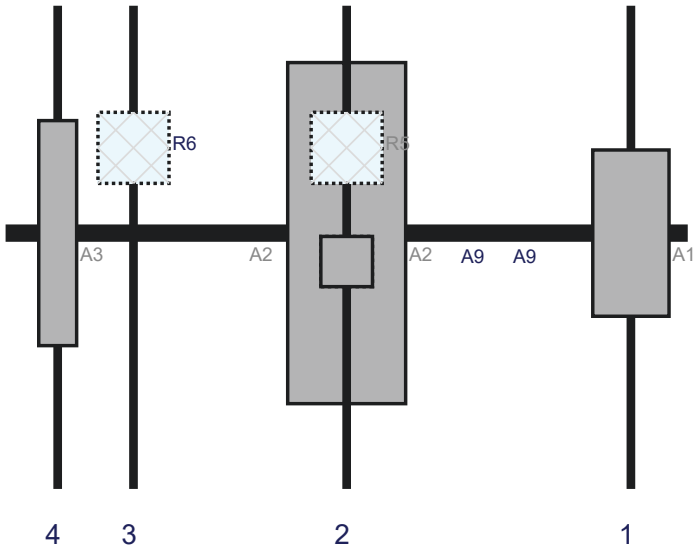


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MT6407-77A	35.1	16.1	132	1	a	Front	48	0	Retained	06/13/2022
A2	NHH-65B-R2B	72	11.9	72	2	a	Front	48	6.5	Retained	06/13/2022
A2	NHH-65B-R2B	72	11.9	72	2	b	Front	48	-6.5	Retained	06/13/2022
R5	B2/B66A RRH-BR049	15	15	72	2	a	Behind	30	0	Retained	06/13/2022
R6	B5/B13 RRH-BR04C	15	15	27	3	a	Behind	30	0	Retained	06/13/2022
A4	BXA-80063/4CF	47.4	11.2	11	4	a	Front	48	0	Retained	06/13/2022

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MT6407-77A	35.1	16.1	132	1	a	Front	48	0	Retained	06/13/2022
A2	NHH-65B-R2B	72	11.9	72	2	a	Front	48	6.5	Retained	06/13/2022
A2	NHH-65B-R2B	72	11.9	72	2	b	Front	48	-6.5	Retained	06/13/2022
R5	B2/B66A RRH-BR049	15	15	72	2	a	Behind	30	0	Retained	06/13/2022
A9	BSF0020F3V1-1	10.6	10.9	72	2	a	Behind	54	0	Added	
A9	BSF0020F3V1-1	10.6	10.9	72	2	b	Front	54	0	Added	
R6	B5/B13 RRH-BR04C	15	15	27	3	a	Behind	30	0	Retained	06/13/2022
A3	BXA-70080-4BF-EDIN-0	47.5	8	11	4	a	Front	48	0	Retained	06/13/2022

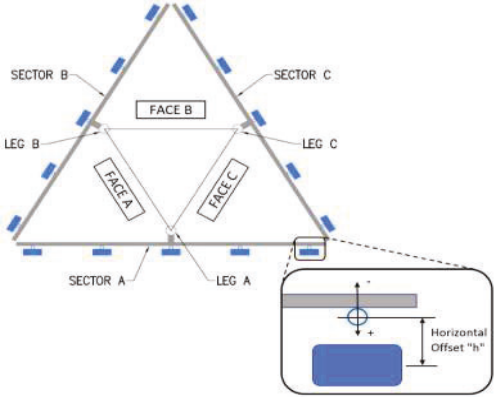
V4.0 Updated on 3-31-2021

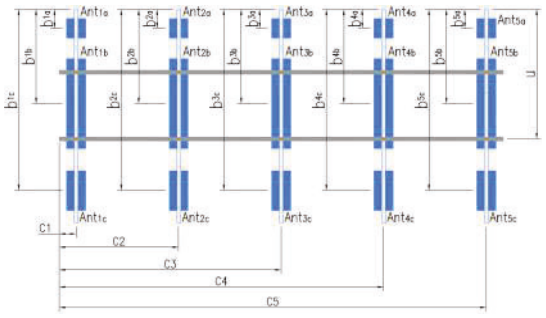
Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1215199

Tower Owner:	OTHER	**Mapping Date:**	4/28/2021
Site Name:	WINDSOR LOCKS 2 CT	**Tower Type:**	Monopole
Site Number or ID:	467751	**Tower Height (Ft.):**	95
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	86.33

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 102" LONG	48.00	12.00	C1	2" STD. PIPE X 102" LONG	48.00	12.00
A2	2" STD. PIPE X 102" LONG	48.00	72.00	C2	2" STD. PIPE X 102" LONG	48.00	72.00
A3	2" STD. PIPE X 102" LONG	48.00	117.00	C3	2" STD. PIPE X 102" LONG	48.00	117.00
A4	2" STD. PIPE X 102" LONG	48.00	133.00	C4	2" STD. PIPE X 102" LONG	48.00	133.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 102" LONG	48.00	12.00	D1			
B2	2" STD. PIPE X 102" LONG	48.00	72.00	D2			
B3	2" STD. PIPE X 102" LONG	48.00	117.00	D3			
B4	2" STD. PIPE X 102" LONG	48.00	133.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	8.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	4
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	

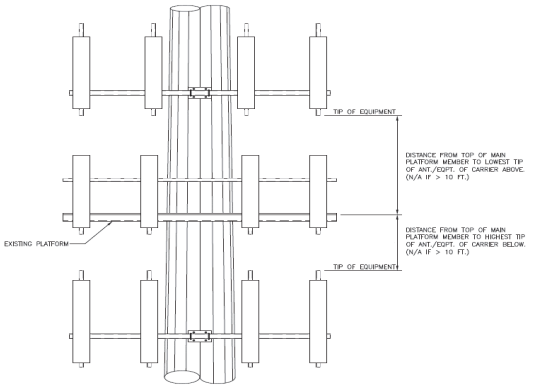
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	22
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			

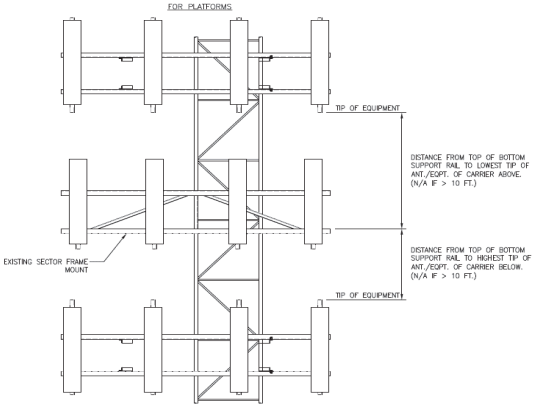
	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	B4 RRH 2X60-4R	11.00	5.50	36.00		88.08	19.00	-7.00		30,34
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		85.2467	53.00	8.00	30.00	5,34
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	12.00	7.50	20.50		88.4967	14.00	-7.00		31,35
Ant_{2b}	QUAD656C0000L	20.50	7.50	74.00		84.9133	57.00	10.00	30.00	6,35
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	20.50		87.9967	20.00	-7.00		32,36
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		85.2467	53.00	8.00	30.00	5,36
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-700804CF	8.00	6.00	46.50		85.4133	51.00	13.00	30.00	37,54
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

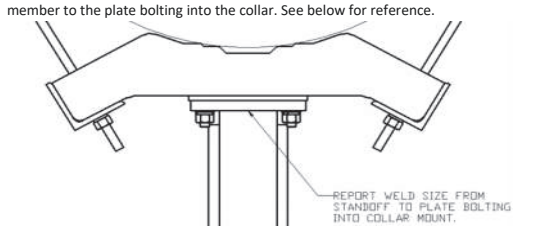
Climbing Facility Information		
Location:	130.00 Deg	N/A
Climbing Facility	Corrosion Type:	N/A
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.

Please insert a photo of the mount centerline measurement here.





For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}	B4 RRH 2X60-4R	11.00	5.50	36.00		88.08	19.00	-7.00		30,38
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		85.2467	53.00	8.00	150.00	5,38
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	12.00	7.50	20.50		88.4967	14.00	-7.00		31,39
Ant_{2b}	QUAD656C0000L	20.50	7.50	74.00		84.9133	57.00	10.00	150.00	6,39
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	20.50		87.9967	20.00	-7.00		32,40
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		85.2467	53.00	8.00	150.00	5,40
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	26900500	11.50	6.00	47.50		85.4133	51.00	13.00	150.00	41,54
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	B4 RRH 2X60-4R	11.00	5.50	36.00		88.08	19.00	-7.00		30,42
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		85.2467	53.00	8.00	270.00	5,42
Ant_{1c}										
Ant_{2a}	B13 RRH 4X30	12.00	7.50	20.50		88.4967	14.00	-7.00		31,43
Ant_{2b}	QUAD656C0000L	20.50	7.50	74.00		84.9133	57.00	10.00	270.00	6,43
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	20.50		87.9967	20.00	-7.00		32,51
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		85.2467	53.00	8.00	270.00	5,51
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-700804CF	8.00	6.00	46.50		85.4133	51.00	13.00	270.00	52,54
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	(2) RRFDC-3315-PF-48	15.00	10.00	28.00						44-49,55
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		Additional Comments:	
Lighting Technology:		Photo #			
Elevation (AGL) at base of light (Ft.):		Photo #			
Is a service loop available?		Photo #			
Is beacon installed on an extension?		Photo #			

Mapping Notes
1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use an ultrasonic measurement tool (thickness gauge) to measure the thickness.
3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.
4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.
5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.
6. Please measure and report the size and length of all existing antenna mounting pipes.
7. Please measure and report the antenna information for all sectors.
8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.

Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1215199

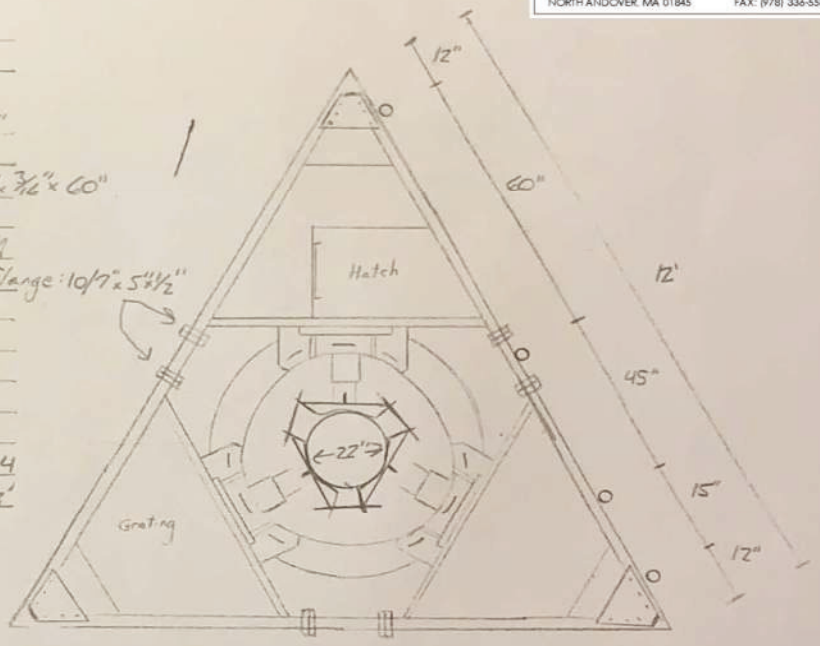
Tower Owner:	OTHER	**Mapping Date:**	4/28/2021
Site Name:	WINDSOR LOCKS 2 CT	**Tower Type:**	Monopole
Site Number or ID:	467751	**Tower Height (Ft.):**	95
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	86.33

Please Insert Sketches of the Antenna Mount

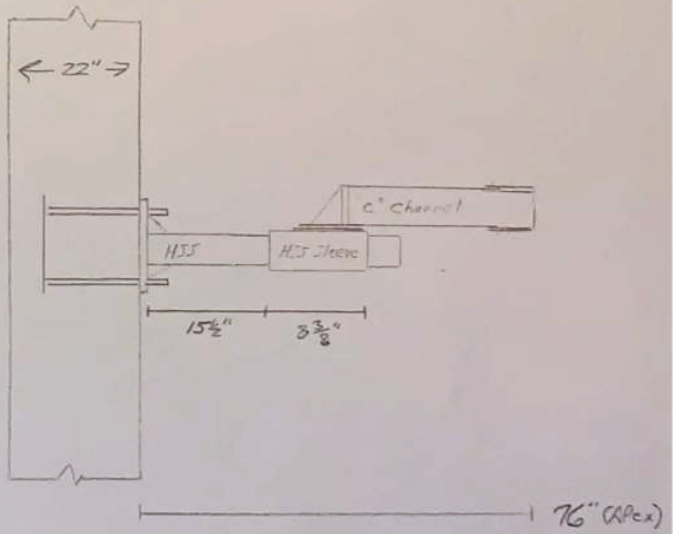
DATE: 4-28-21
Project Name: Windsor Locks 2 CT
Project No.:
Design By: Josh Chk'd By: _____ Page ____ of ____

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

Mount: 86'4"
~~Ant. Pipe:~~
Ant. Pipe: $2\frac{3}{8}$" x $\frac{1}{8}$" x 8'6"
Wetted Plate: N/A
Face C' channel: 5 x $1\frac{7}{8}$" x $\frac{3}{16}$" x 60"
Face Angle: N/A
Face Supporting Angle: N/A
Face C Channel Wetted Flange: $10\frac{1}{2}$" x $5\frac{1}{2}$"
Ring Mount: 1" x 6"
H.S.S.: 3" x 3" x $\frac{5}{16}$" x 27"
Collar: 12" x $\frac{1}{2}$"
TR.: (2) 1"
Pole: 22"
Pole to edge of face: 34
Apex Plate $13\frac{1}{2}$" x $15\frac{1}{2}$" x $\frac{3}{8}$"



Angle Plate: See p.c 22



#1 + #3
HBXX-6517DS-A2M
-B4 RRH 2x60-4R

#2
Quad 6626C0000L
-B13 RRH 4x30

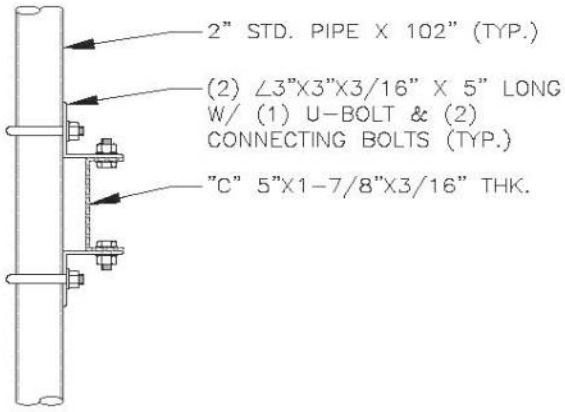
#4
BXA-70080ECF

Beta #4: 26900500

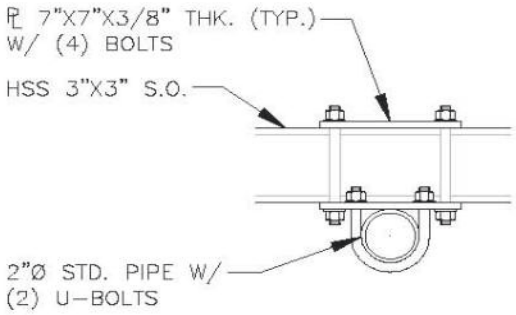
#3 -B25 RRH 4x30

(2) OVP on HSS

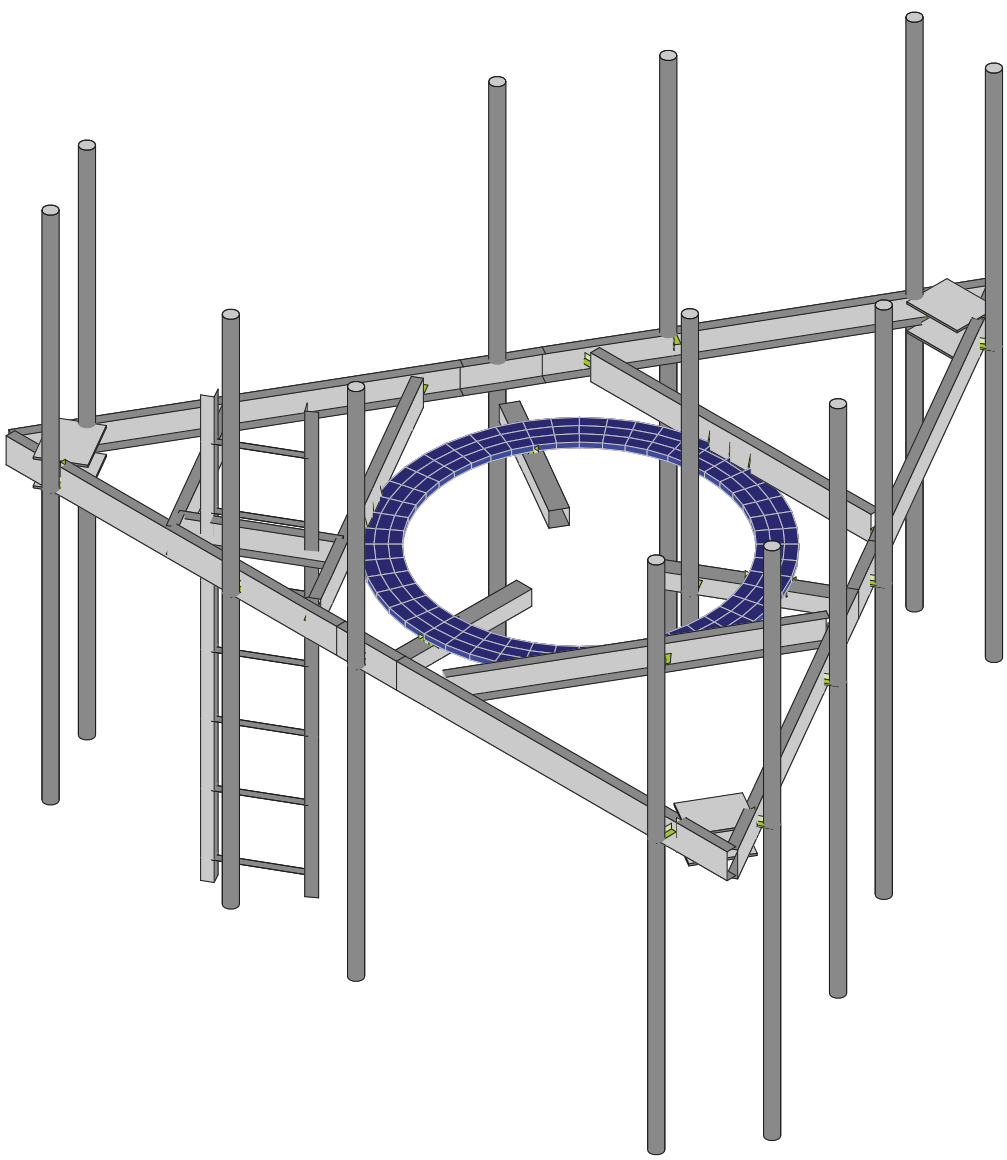
Please Insert Sketches of the Antenna Mount, cont'd



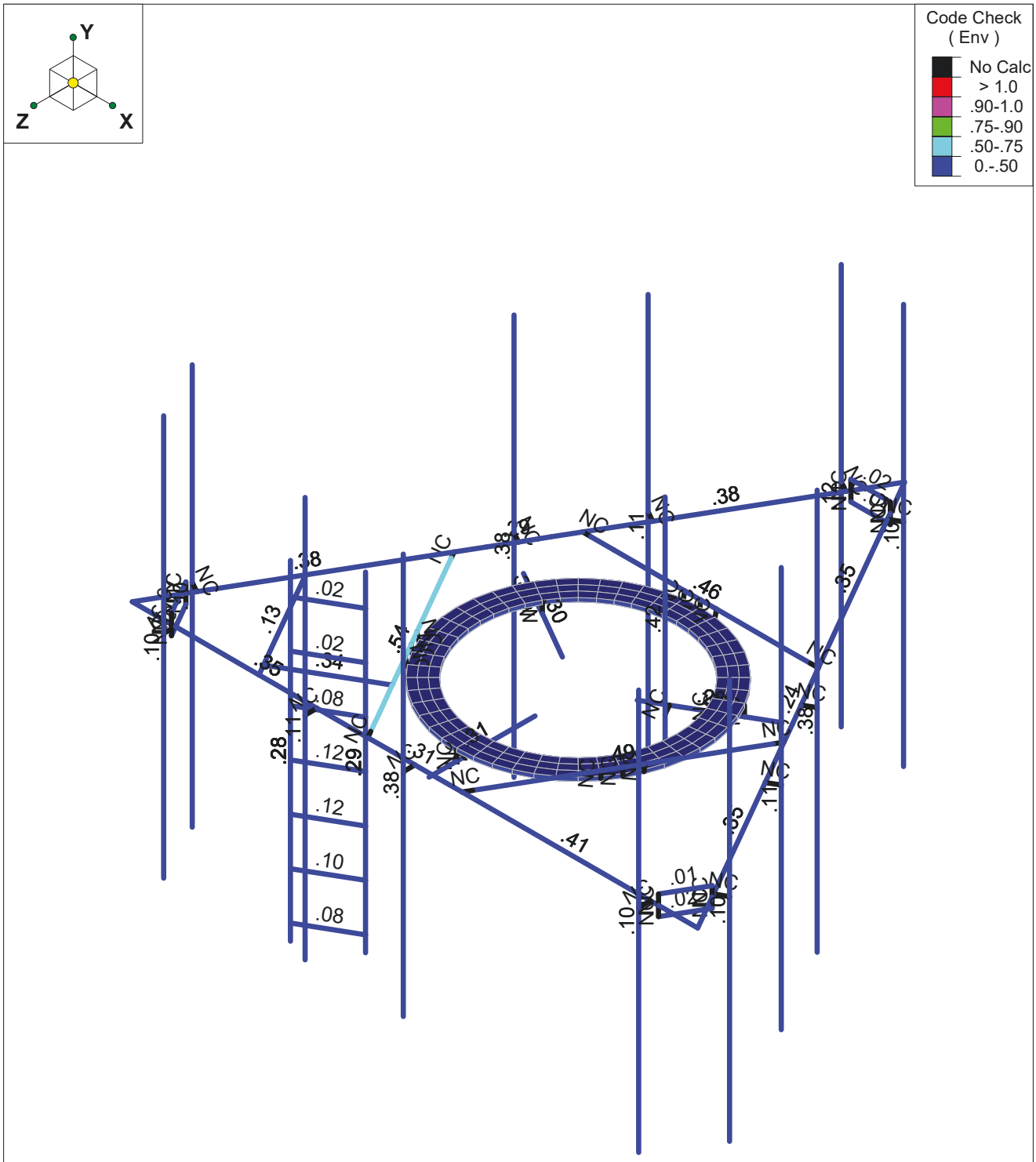
CROSSOVER PLATE DETAIL



S.O. MOUNT DETAIL

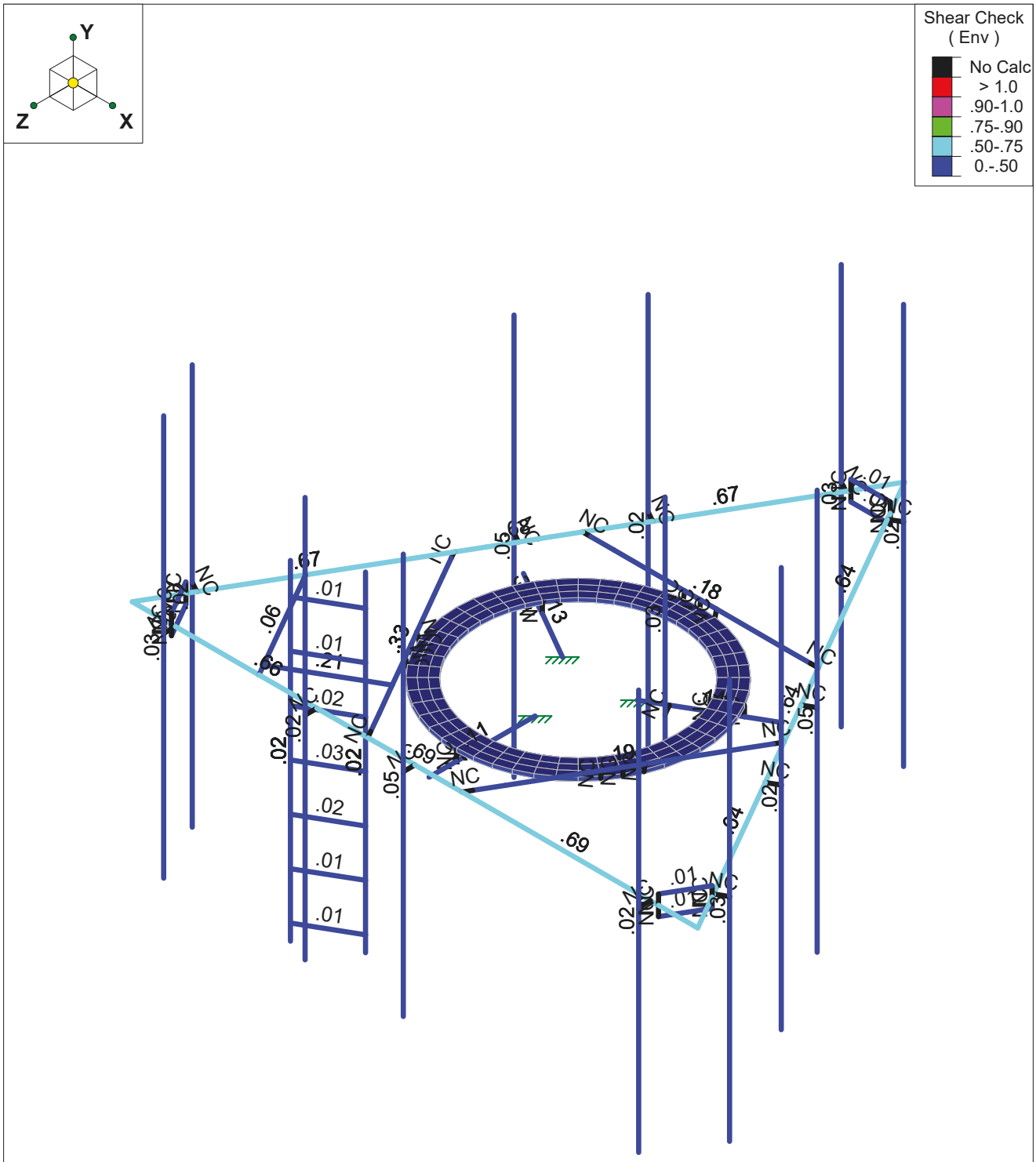


Colliers Engineering & De...	Mount Analysis	SK - 1
		July 6, 2023 at 6:52 PM
		5000383347-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & De...	Mount Analysis	SK - 2
		July 6, 2023 at 6:52 PM
		5000383347-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & De...	Mount Analysis	SK - 3
		July 6, 2023 at 6:52 PM
		5000383347-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/Wall)
1	Antenna D	None					99			
2	Antenna Di	None					99			
3	Antenna Wo (0...	None					99			
4	Antenna Wo (3...	None					99			
5	Antenna Wo (6...	None					99			
6	Antenna Wo (9...	None					99			
7	Antenna Wo (1...	None					99			
8	Antenna Wo (1...	None					99			
9	Antenna Wo (1...	None					99			
10	Antenna Wo (2...	None					99			
11	Antenna Wo (2...	None					99			
12	Antenna Wo (2...	None					99			
13	Antenna Wo (3...	None					99			
14	Antenna Wo (3...	None					99			
15	Antenna Wi (0 ...	None					99			
16	Antenna Wi (30...	None					99			
17	Antenna Wi (60...	None					99			
18	Antenna Wi (90...	None					99			
19	Antenna Wi (12...	None					99			
20	Antenna Wi (15...	None					99			
21	Antenna Wi (18...	None					99			
22	Antenna Wi (21...	None					99			
23	Antenna Wi (24...	None					99			
24	Antenna Wi (27...	None					99			
25	Antenna Wi (30...	None					99			
26	Antenna Wi (33...	None					99			
27	Antenna Wm (...	None					99			
28	Antenna Wm (...	None					99			
29	Antenna Wm (...	None					99			
30	Antenna Wm (...	None					99			
31	Antenna Wm (...	None					99			
32	Antenna Wm (...	None					99			
33	Antenna Wm (...	None					99			
34	Antenna Wm (...	None					99			
35	Antenna Wm (...	None					99			
36	Antenna Wm (...	None					99			
37	Antenna Wm (...	None					99			
38	Antenna Wm (...	None					99			
39	Structure D	None		-1					8	
40	Structure Di	None						45	8	
41	Structure Wo (...	None						90		
42	Structure Wo (...	None						90		
43	Structure Wo (...	None						90		
44	Structure Wo (...	None						90		
45	Structure Wo (...	None						90		
46	Structure Wo (...	None						90		
47	Structure Wo (...	None						90		
48	Structure Wo (...	None						90		
49	Structure Wo (...	None						90		
50	Structure Wo (...	None						90		
51	Structure Wo (...	None						90		
52	Structure Wo (...	None						90		
53	Structure Wi (...	None						90		
54	Structure Wi (...	None						90		
55	Structure Wi (...	None						90		
56	Structure Wi (...	None						90		
57	Structure Wi (...	None						90		
58	Structure Wi (...	None						90		
59	Structure Wi (...	None						90		
60	Structure Wi (...	None						90		
61	Structure Wi (...	None						90		
62	Structure Wi (...	None						90		
63	Structure Wi (...	None						90		

Basic Load Cases (Continued)

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/Wall)
64	Structure Wi (...	None						90		
65	Structure Wm ...	None						90		
66	Structure Wm ...	None						90		
67	Structure Wm ...	None						90		
68	Structure Wm ...	None						90		
69	Structure Wm ...	None						90		
70	Structure Wm ...	None						90		
71	Structure Wm ...	None						90		
72	Structure Wm ...	None						90		
73	Structure Wm ...	None						90		
74	Structure Wm ...	None						90		
75	Structure Wm ...	None						90		
76	Structure Wm ...	None						90		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					99			
82	Antenna Eh (0 ...	None					66			
83	Antenna Eh (90...	None					66			
84	Structure Ev	ELY		-.039					8	
85	Structure Eh (0...	ELZ			-.097				8	
86	Structure Eh (9...	ELX	.097						8	
87	BLC 39 Transie...	None						130		
88	BLC 40 Transie...	None						130		
89	BLC 84 Transie...	None						130		
90	BLC 85 Transie...	None						130		
91	BLC 86 Transie...	None						130		

Load Combinations

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										

Load Combinations (Continued)

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac...
31	1.2D + 1.5Lm1 + 1.0W..	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W..	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W..	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W..	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W..	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W..	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W..	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	0.793857	0	-0.458333	0	
3	N3	-0.793857	0	-0.458333	0	
4	N4	0.	0	0.916667	0	
5	N5	0.	.375	-6.928203	0	
6	N6	6.	.375	3.464102	0	
7	N7	2.5	.375	-2.598076	0	
8	N8	3.5	.375	-0.866025	0	
9	N9	-6.	.375	3.464102	0	
10	N10	-3.5	.375	-0.866025	0	
11	N11	-2.5	.375	-2.598076	0	
12	N12	1	.375	3.464102	0	
13	N13	-1.	.375	3.464102	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
14	N14	-1.083333	.375	3.319764	0	
15	N15	-3.416667	.375	-0.721688	0	
16	N16	3.416667	.375	-0.721688	0	
17	N17	1.083333	.375	3.319764	0	
18	N18	-2.333333	.375	-2.598076	0	
19	N19	2.333333	.375	-2.598076	0	
20	N20	-5.583333	0.583333	2.742414	0	
21	N21	-5.166667	0.583333	3.464102	0	
22	N22	-5.583333	.375	2.742414	0	
23	N23	-5.166667	.375	3.464102	0	
24	N24	-5.583333	0.166667	2.742414	0	
25	N25	-5.166667	0.166667	3.464102	0	
26	N26	5.166667	0.583333	3.464102	0	
27	N27	5.583333	0.583333	2.742414	0	
28	N28	5.166667	.375	3.464102	0	
29	N29	5.583333	.375	2.742414	0	
30	N30	5.166667	0.166667	3.464102	0	
31	N31	5.583333	0.166667	2.742414	0	
32	N32	0.416667	0.583333	-6.206515	0	
33	N33	-0.416667	0.583333	-6.206515	0	
34	N34	0.416667	.375	-6.206515	0	
35	N35	-0.416667	.375	-6.206515	0	
36	N36	0.416667	0.166667	-6.206515	0	
37	N37	-0.416667	0.166667	-6.206515	0	
38	N38	-3.440384	.375	3.237232	0	
39	N39	-4.654701	.375	1.133975	0	
40	N40	-3.309401	.375	3.464102	0	
41	N41	-2.069177	2.375	2.445566	0	
42	N42	-2.069177	-4.625	2.445566	0	
43	N43	-3.07954	2.375	3.028899	0	
44	N44	-3.07954	-4.625	3.028899	0	
45	N45	-2.069177	.375	2.445566	0	
46	N46	-3.07954	.375	3.028899	0	
47	N47	-2.069177	1.708333	2.445566	0	
48	N48	-3.07954	1.708333	3.028899	0	
49	N49	-2.069177	-3.291667	2.445566	0	
50	N50	-3.07954	-3.291667	3.028899	0	
51	N51	-2.069177	-2.291667	2.445566	0	
52	N52	-3.07954	-2.291667	3.028899	0	
53	N53	-2.069177	-1.291667	2.445566	0	
54	N54	-3.07954	-1.291667	3.028899	0	
55	N55	-2.069177	-0.291667	2.445566	0	
56	N56	-3.07954	-0.291667	3.028899	0	
57	N57	-2.069177	0.708333	2.445566	0	
58	N58	-3.07954	0.708333	3.028899	0	
59	N59	-2.069177	-4.291667	2.445566	0	
60	N60	-3.07954	-4.291667	3.028899	0	
61	N61	0	0	3.166667	0	
62	N62	3.25	.375	-1.299038	0	
63	N63	-2.75	.375	-2.165064	0	
64	N64	-0.5	.375	3.464102	0	
65	N65	2.75	.375	-2.165064	0	
66	N66	-3.25	.375	-1.299038	0	
67	N67	0.5	.375	3.464102	0	
68	N68	-1.333333	.375	2.886751	0	
69	N69	-3.166667	.375	-0.288675	0	
70	N70	3.166667	.375	-0.288675	0	
71	N71	1.333333	.375	2.886751	0	
72	N72	-1.833333	.375	-2.598076	0	
73	N73	1.833333	.375	-2.598076	0	
74	N74	0.5	.375	-6.062178	0	
75	N75	3.	.375	-1.732051	0	
76	N77	5.541667	.375	2.670245	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
77	N78	0.716506	.375	-6.187178	0	
78	N79	3.216506	.375	-1.857051	0	
79	N81	5.758173	.375	2.545245	0	
80	N82	0.716506	4.375	-6.187178	0	
81	N83	3.216506	4.375	-1.857051	0	
82	N85	5.758173	4.375	2.545245	0	
83	N86	0.716506	-4.125	-6.187178	0	
84	N87	3.216506	-4.125	-1.857051	0	
85	N89	5.758173	-4.125	2.545245	0	
86	N90	-5.5	.375	2.598076	0	
87	N91	-3.	.375	-1.732051	0	
88	N93	-0.458333	.375	-6.134347	0	
89	N94	-5.716506	.375	2.473076	0	
90	N95	-3.216506	.375	-1.857051	0	
91	N97	-0.67484	.375	-6.259347	0	
92	N98	-5.716506	4.375	2.473076	0	
93	N99	-3.216506	4.375	-1.857051	0	
94	N101	-0.67484	4.375	-6.259347	0	
95	N102	-5.716506	-4.125	2.473076	0	
96	N103	-3.216506	-4.125	-1.857051	0	
97	N105	-0.67484	-4.125	-6.259347	0	
98	N106	5	.375	3.464102	0	
99	N107	0	.375	3.464102	0	
100	N108	-2.083333	.375	3.464102	0	
101	N109	-5.083333	.375	3.464102	0	
102	N110	5	.375	3.714102	0	
103	N111	0.	.375	3.714102	0	
104	N112	-2.083333	.375	3.714102	0	
105	N113	-5.083333	.375	3.714102	0	
106	N114	5	4.375	3.714102	0	
107	N115	0	4.375	3.714102	0	
108	N116	-2.083333	4.375	3.714102	0	
109	N117	-5.083333	4.375	3.714102	0	
110	N118	5	-4.125	3.714102	0	
111	N119	0	-4.125	3.714102	0	
112	N120	-2.083333	-4.125	3.714102	0	
113	N121	-5.083333	-4.125	3.714102	0	
114	N122	0	0	2.583333	0	
115	N123	2.742414	0	-1.583333	0	
116	N124	1.226869	0	-0.708333	0	
117	N125	1.351869	0	-0.491827	0	
118	N126	1.351869	-.5	-0.491827	0	
119	N127	1.351869	4	-0.491827	0	
120	N128	-2.742414	0	-1.583333	0	
121	N129	0	0	2.416667	0	
122	N130	0	0	2.25	0	
123	N131	0.	0	2.083333	0	
124	N132	0	0.208333	2.583333	0	
125	N133	0	0.208333	2.416667	0	
126	N134	0	0.208333	2.25	0	
127	N135	0.	0.208333	2.083333	0	
128	N136	0.337193	0.208333	2.561233	0	
129	N137	0.315438	0.208333	2.395992	0	
130	N138	0.293684	0.208333	2.230751	0	
131	N139	0.27193	0.208333	2.06551	0	
132	N140	0.668616	0.208333	2.495308	0	
133	N141	0.625479	0.208333	2.334321	0	
134	N142	0.582343	0.208333	2.173333	0	
135	N143	0.539206	0.208333	2.012345	0	
136	N144	0.988599	0.208333	2.386689	0	
137	N145	0.924818	0.208333	2.232709	0	
138	N146	0.861038	0.208333	2.078729	0	
139	N147	0.797257	0.208333	1.924749	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
140	N148	1.291667	0.208333	2.237232	0	
141	N149	1.208333	0.208333	2.092895	0	
142	N150	1.125	0.208333	1.948557	0	
143	N151	1.041667	0.208333	1.80422	0	
144	N152	1.572634	0.208333	2.049496	0	
145	N153	1.471173	0.208333	1.917271	0	
146	N154	1.369713	0.208333	1.785045	0	
147	N155	1.268253	0.208333	1.652819	0	
148	N156	1.826692	0.208333	1.826692	0	
149	N157	1.708841	0.208333	1.708841	0	
150	N158	1.59099	0.208333	1.59099	0	
151	N159	1.473139	0.208333	1.473139	0	
152	N160	2.049496	0.208333	1.572634	0	
153	N161	1.917271	0.208333	1.471173	0	
154	N162	1.785045	0.208333	1.369713	0	
155	N163	1.652819	0.208333	1.268253	0	
156	N164	2.237232	0.208333	1.291667	0	
157	N165	2.092895	0.208333	1.208333	0	
158	N166	1.948557	0.208333	1.125	0	
159	N167	1.80422	0.208333	1.041667	0	
160	N168	2.386689	0.208333	0.988599	0	
161	N169	2.232709	0.208333	0.924818	0	
162	N170	2.078729	0.208333	0.861038	0	
163	N171	1.924749	0.208333	0.797257	0	
164	N172	2.495308	0.208333	0.668616	0	
165	N173	2.334321	0.208333	0.625479	0	
166	N174	2.173333	0.208333	0.582343	0	
167	N175	2.012345	0.208333	0.539206	0	
168	N176	2.561233	0.208333	0.337193	0	
169	N177	2.395992	0.208333	0.315438	0	
170	N178	2.230751	0.208333	0.293684	0	
171	N179	2.06551	0.208333	0.27193	0	
172	N180	2.583333	0.208333	-0.	0	
173	N181	2.416667	0.208333	-0.	0	
174	N182	2.25	0.208333	-0.	0	
175	N183	2.083333	0.208333	-0.	0	
176	N184	2.561233	0.208333	-0.337193	0	
177	N185	2.395992	0.208333	-0.315438	0	
178	N186	2.230751	0.208333	-0.293684	0	
179	N187	2.06551	0.208333	-0.27193	0	
180	N188	2.495308	0.208333	-0.668616	0	
181	N189	2.334321	0.208333	-0.625479	0	
182	N190	2.173333	0.208333	-0.582343	0	
183	N191	2.012345	0.208333	-0.539206	0	
184	N192	2.386689	0.208333	-0.988599	0	
185	N193	2.232709	0.208333	-0.924818	0	
186	N194	2.078729	0.208333	-0.861038	0	
187	N195	1.924749	0.208333	-0.797257	0	
188	N196	2.237232	0.208333	-1.291667	0	
189	N197	2.092895	0.208333	-1.208333	0	
190	N198	1.948557	0.208333	-1.125	0	
191	N199	1.80422	0.208333	-1.041667	0	
192	N200	2.049496	0.208333	-1.572634	0	
193	N201	1.917271	0.208333	-1.471173	0	
194	N202	1.785045	0.208333	-1.369713	0	
195	N203	1.652819	0.208333	-1.268253	0	
196	N204	1.826692	0.208333	-1.826692	0	
197	N205	1.708841	0.208333	-1.708841	0	
198	N206	1.59099	0.208333	-1.59099	0	
199	N207	1.473139	0.208333	-1.473139	0	
200	N208	1.572634	0.208333	-2.049496	0	
201	N209	1.471173	0.208333	-1.917271	0	
202	N210	1.369713	0.208333	-1.785045	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
203	N211	1.268253	0.208333	-1.652819	0	
204	N212	1.291667	0.208333	-2.237232	0	
205	N213	1.208333	0.208333	-2.092895	0	
206	N214	1.125	0.208333	-1.948557	0	
207	N215	1.041667	0.208333	-1.80422	0	
208	N216	0.988599	0.208333	-2.386689	0	
209	N217	0.924818	0.208333	-2.232709	0	
210	N218	0.861038	0.208333	-2.078729	0	
211	N219	0.797257	0.208333	-1.924749	0	
212	N220	0.668616	0.208333	-2.495308	0	
213	N221	0.625479	0.208333	-2.334321	0	
214	N222	0.582343	0.208333	-2.173333	0	
215	N223	0.539206	0.208333	-2.012345	0	
216	N224	0.337193	0.208333	-2.561233	0	
217	N225	0.315438	0.208333	-2.395992	0	
218	N226	0.293684	0.208333	-2.230751	0	
219	N227	0.27193	0.208333	-2.06551	0	
220	N228	0.	0.208333	-2.583333	0	
221	N229	0.	0.208333	-2.416667	0	
222	N230	0.	0.208333	-2.25	0	
223	N231	0.	0.208333	-2.083333	0	
224	N232	-0.337193	0.208333	-2.561233	0	
225	N233	-0.315438	0.208333	-2.395992	0	
226	N234	-0.293684	0.208333	-2.230751	0	
227	N235	-0.27193	0.208333	-2.06551	0	
228	N236	-0.668616	0.208333	-2.495308	0	
229	N237	-0.625479	0.208333	-2.334321	0	
230	N238	-0.582343	0.208333	-2.173333	0	
231	N239	-0.539206	0.208333	-2.012345	0	
232	N240	-0.988599	0.208333	-2.386689	0	
233	N241	-0.924818	0.208333	-2.232709	0	
234	N242	-0.861038	0.208333	-2.078729	0	
235	N243	-0.797257	0.208333	-1.924749	0	
236	N244	-1.291667	0.208333	-2.237232	0	
237	N245	-1.208333	0.208333	-2.092895	0	
238	N246	-1.125	0.208333	-1.948557	0	
239	N247	-1.041667	0.208333	-1.80422	0	
240	N248	-1.572634	0.208333	-2.049496	0	
241	N249	-1.471173	0.208333	-1.917271	0	
242	N250	-1.369713	0.208333	-1.785045	0	
243	N251	-1.268253	0.208333	-1.652819	0	
244	N252	-1.826692	0.208333	-1.826692	0	
245	N253	-1.708841	0.208333	-1.708841	0	
246	N254	-1.59099	0.208333	-1.59099	0	
247	N255	-1.473139	0.208333	-1.473139	0	
248	N256	-2.049496	0.208333	-1.572634	0	
249	N257	-1.917271	0.208333	-1.471173	0	
250	N258	-1.785045	0.208333	-1.369713	0	
251	N259	-1.652819	0.208333	-1.268253	0	
252	N260	-2.237232	0.208333	-1.291667	0	
253	N261	-2.092895	0.208333	-1.208333	0	
254	N262	-1.948557	0.208333	-1.125	0	
255	N263	-1.80422	0.208333	-1.041667	0	
256	N264	-2.386689	0.208333	-0.988599	0	
257	N265	-2.232709	0.208333	-0.924818	0	
258	N266	-2.078729	0.208333	-0.861038	0	
259	N267	-1.924749	0.208333	-0.797257	0	
260	N268	-2.495308	0.208333	-0.668616	0	
261	N269	-2.334321	0.208333	-0.625479	0	
262	N270	-2.173333	0.208333	-0.582343	0	
263	N271	-2.012345	0.208333	-0.539206	0	
264	N272	-2.561233	0.208333	-0.337193	0	
265	N273	-2.395992	0.208333	-0.315438	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
266	N274	-2.230751	0.208333	-0.293684	0	
267	N275	-2.06551	0.208333	-0.27193	0	
268	N276	-2.583333	0.208333	0.	0	
269	N277	-2.416667	0.208333	0.	0	
270	N278	-2.25	0.208333	0.	0	
271	N279	-2.083333	0.208333	0.	0	
272	N280	-2.561233	0.208333	0.337193	0	
273	N281	-2.395992	0.208333	0.315438	0	
274	N282	-2.230751	0.208333	0.293684	0	
275	N283	-2.06551	0.208333	0.27193	0	
276	N284	-2.495308	0.208333	0.668616	0	
277	N285	-2.334321	0.208333	0.625479	0	
278	N286	-2.173333	0.208333	0.582343	0	
279	N287	-2.012345	0.208333	0.539206	0	
280	N288	-2.386689	0.208333	0.988599	0	
281	N289	-2.232709	0.208333	0.924818	0	
282	N290	-2.078729	0.208333	0.861038	0	
283	N291	-1.924749	0.208333	0.797257	0	
284	N292	-2.237232	0.208333	1.291667	0	
285	N293	-2.092895	0.208333	1.208333	0	
286	N294	-1.948557	0.208333	1.125	0	
287	N295	-1.80422	0.208333	1.041667	0	
288	N296	-2.049496	0.208333	1.572634	0	
289	N297	-1.917271	0.208333	1.471173	0	
290	N298	-1.785045	0.208333	1.369713	0	
291	N299	-1.652819	0.208333	1.268253	0	
292	N300	-1.826692	0.208333	1.826692	0	
293	N301	-1.708841	0.208333	1.708841	0	
294	N302	-1.59099	0.208333	1.59099	0	
295	N303	-1.473139	0.208333	1.473139	0	
296	N304	-1.572634	0.208333	2.049496	0	
297	N305	-1.471173	0.208333	1.917271	0	
298	N306	-1.369713	0.208333	1.785045	0	
299	N307	-1.268253	0.208333	1.652819	0	
300	N308	-1.291667	0.208333	2.237232	0	
301	N309	-1.208333	0.208333	2.092895	0	
302	N310	-1.125	0.208333	1.948557	0	
303	N311	-1.041667	0.208333	1.80422	0	
304	N312	-0.988599	0.208333	2.386689	0	
305	N313	-0.924818	0.208333	2.232709	0	
306	N314	-0.861038	0.208333	2.078729	0	
307	N315	-0.797257	0.208333	1.924749	0	
308	N316	-0.668616	0.208333	2.495308	0	
309	N317	-0.625479	0.208333	2.334321	0	
310	N318	-0.582343	0.208333	2.173333	0	
311	N319	-0.539206	0.208333	2.012345	0	
312	N320	-0.337193	0.208333	2.561233	0	
313	N321	-0.315438	0.208333	2.395992	0	
314	N322	-0.293684	0.208333	2.230751	0	
315	N323	-0.27193	0.208333	2.06551	0	
316	N324	-2.25	.375	1.299038	0	
317	N325	2.25	.375	1.299038	0	
318	N326	-0.	.375	-2.598076	0	
319	N327	0.337193	.375	-2.598076	0	
320	N328	-0.337193	.375	-2.598076	0	
321	N329	-2.418596	.375	1.007021	0	
322	N330	-2.081404	.375	1.591056	0	
323	N331	2.081404	.375	1.591056	0	
324	N332	2.418596	.375	1.007021	0	
325	N333	-1.708333	.375	2.237232	0	
326	N334	2.237232	0	-1.291667	0	
327	N335	2.092895	0	-1.208333	0	
328	N336	1.948557	0	-1.125	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
329	N337	1.80422	0	-1.041667	0	
330	N338	-2.237232	0	-1.291667	0	
331	N339	-2.092895	0	-1.208333	0	
332	N340	-1.948557	0	-1.125	0	
333	N341	-1.80422	0	-1.041667	0	
334	N342	-3.982051	.375	2.299038	0	
335	N336A	4.041667	.375	0.072169	0	
336	N337A	4.258173	.375	-0.052831	0	
337	N338A	4.258173	4.375	-0.052831	0	
338	N339A	4.258173	-4.125	-0.052831	0	
339	N341A	-1.958333	.375	-3.53627	0	
340	N342A	-2.17484	.375	-3.66127	0	
341	N343	-2.17484	4.375	-3.66127	0	
342	N344	-2.17484	-4.125	-3.66127	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	C5X6.7	None	None	A36 Gr.36	Typical	1.97	.47	7.48	.055
2	Cross Brace	C5X6.7	None	None	A36 Gr.36	Typical	1.97	.47	7.48	.055
3	Standoff Horizontal	HSS3X3X5	None	None	A500 Gr....	Typical	2.94	3.45	3.45	5.94
4	Corner Plate	PL3/8x8	None	None	A36 Gr.36	Typical	3	.035	16	.136
5	Ladder Rail	L2x2x3	None	None	A36 Gr.36	Typical	.722	.271	.271	.009
6	Ladder Rung	SR_0.75	None	None	A36 Gr.36	Typical	.442	.016	.016	.031
7	Mount Pipe	PIPE_2.0	None	None	A53 Gr. B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
2	A53 Gr. B	29000	11154	.3	.65	.49	35	1.5	60	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
5	A500 Gr. B 42	29000	11154	.3	.65	.49	42	1.4	58	1.3
6	A500 Gr. B 46	29000	11154	.3	.65	.49	46	1.4	58	1.3

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N6	N62		180	Face Horizontal	None	None	A36 Gr.36	Typical
2	M2	N5	N63		180	Face Horizontal	None	None	A36 Gr.36	Typical
3	M3	N9	N64		180	Face Horizontal	None	None	A36 Gr.36	Typical
4	M4	N62	N65		180	Face Horizontal	None	None	A36 Gr.36	Typical
5	M5	N63	N66		180	Face Horizontal	None	None	A36 Gr.36	Typical
6	M6	N64	N67		180	Face Horizontal	None	None	A36 Gr.36	Typical
7	M7	N65	N5		180	Face Horizontal	None	None	A36 Gr.36	Typical
8	M8	N66	N9		180	Face Horizontal	None	None	A36 Gr.36	Typical
9	M9	N67	N6		180	Face Horizontal	None	None	A36 Gr.36	Typical
10	M10	N14	N15		180	Cross Brace	None	None	A36 Gr.36	Typical
11	M11	N16	N17		180	Cross Brace	None	None	A36 Gr.36	Typical
12	M12	N18	N19		180	Cross Brace	None	None	A36 Gr.36	Typical
13	M13	N40	N39		180	Cross Brace	None	None	A36 Gr.36	Typical
14	M14	N38	N333			Cross Brace	None	None	A36 Gr.36	Typical
15	M15	N61	N4			Standoff Horiz...	None	None	A500 Gr. ...	Typical
16	M16	N123	N2			Standoff Horiz...	None	None	A500 Gr. ...	Typical
17	M17	N128	N3			Standoff Horiz...	None	None	A500 Gr. ...	Typical
18	M18	N21	N20		90	Corner Plate	None	None	A36 Gr.36	Typical
19	M19	N25	N24		90	Corner Plate	None	None	A36 Gr.36	Typical
20	M20	N27	N26		90	Corner Plate	None	None	A36 Gr.36	Typical
21	M21	N31	N30		90	Corner Plate	None	None	A36 Gr.36	Typical
22	M22	N33	N32		90	Corner Plate	None	None	A36 Gr.36	Typical
23	M23	N37	N36		90	Corner Plate	None	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
24	M24	N41	N42		55	Ladder Rail	None	None	A36 Gr.36	Typical
25	M25	N43	N44		330	Ladder Rail	None	None	A36 Gr.36	Typical
26	M26	N47	N48			Ladder Rung	None	None	A36 Gr.36	Typical
27	M27	N49	N50			Ladder Rung	None	None	A36 Gr.36	Typical
28	M28	N51	N52			Ladder Rung	None	None	A36 Gr.36	Typical
29	M29	N53	N54			Ladder Rung	None	None	A36 Gr.36	Typical
30	M30	N55	N56			Ladder Rung	None	None	A36 Gr.36	Typical
31	M31	N57	N58			Ladder Rung	None	None	A36 Gr.36	Typical
32	M32	N59	N60			Ladder Rung	None	None	A36 Gr.36	Typical
33	M33	N127	N126			Mount Pipe	None	None	A53 Gr. B	Typical
34	MP1A	N114	N118			Mount Pipe	None	None	A53 Gr. B	Typical
35	MP2A	N115	N119			Mount Pipe	None	None	A53 Gr. B	Typical
36	MP3A	N116	N120			Mount Pipe	None	None	A53 Gr. B	Typical
37	MP4A	N117	N121			Mount Pipe	None	None	A53 Gr. B	Typical
38	MP1B	N98	N102			Mount Pipe	None	None	A53 Gr. B	Typical
39	MP2B	N99	N103			Mount Pipe	None	None	A53 Gr. B	Typical
40	MP4B	N101	N105			Mount Pipe	None	None	A53 Gr. B	Typical
41	MP1C	N82	N86			Mount Pipe	None	None	A53 Gr. B	Typical
42	MP2C	N83	N87			Mount Pipe	None	None	A53 Gr. B	Typical
43	MP4C	N85	N89			Mount Pipe	None	None	A53 Gr. B	Typical
44	M46	N13	N14			RIGID	None	None	RIGID	Typical
45	M47	N10	N15			RIGID	None	None	RIGID	Typical
46	M48	N8	N16			RIGID	None	None	RIGID	Typical
47	M49	N12	N17			RIGID	None	None	RIGID	Typical
48	M50	N11	N18			RIGID	None	None	RIGID	Typical
49	M51	N7	N19			RIGID	None	None	RIGID	Typical
50	M52	N21	N23			RIGID	None	None	RIGID	Typical
51	M53	N20	N22			RIGID	None	None	RIGID	Typical
52	M54	N25	N23			RIGID	None	None	RIGID	Typical
53	M55	N24	N22			RIGID	None	None	RIGID	Typical
54	M56	N27	N29			RIGID	None	None	RIGID	Typical
55	M57	N26	N28			RIGID	None	None	RIGID	Typical
56	M58	N31	N29			RIGID	None	None	RIGID	Typical
57	M59	N30	N28			RIGID	None	None	RIGID	Typical
58	M60	N33	N35			RIGID	None	None	RIGID	Typical
59	M61	N32	N34			RIGID	None	None	RIGID	Typical
60	M62	N37	N35			RIGID	None	None	RIGID	Typical
61	M63	N36	N34			RIGID	None	None	RIGID	Typical
62	M64	N74	N78			RIGID	None	None	RIGID	Typical
63	M65	N75	N79			RIGID	None	None	RIGID	Typical
64	M67	N77	N81			RIGID	None	None	RIGID	Typical
65	M68	N90	N94			RIGID	None	None	RIGID	Typical
66	M69	N91	N95			RIGID	None	None	RIGID	Typical
67	M71	N93	N97			RIGID	None	None	RIGID	Typical
68	M72	N106	N110			RIGID	None	None	RIGID	Typical
69	M73	N107	N111			RIGID	None	None	RIGID	Typical
70	M74	N108	N112			RIGID	None	None	RIGID	Typical
71	M75	N109	N113			RIGID	None	None	RIGID	Typical
72	M76	N124	N125			RIGID	None	None	RIGID	Typical
73	M77	N329	N288			RIGID	None	None	RIGID	Typical
74	M78	N324	N292			RIGID	None	None	RIGID	Typical
75	M79	N330	N296			RIGID	None	None	RIGID	Typical
76	M80	N331	N160			RIGID	None	None	RIGID	Typical
77	M81	N325	N164			RIGID	None	None	RIGID	Typical
78	M82	N332	N168			RIGID	None	None	RIGID	Typical
79	M83	N327	N224			RIGID	None	None	RIGID	Typical
80	M84	N326	N228			RIGID	None	None	RIGID	Typical
81	M85	N328	N232			RIGID	None	None	RIGID	Typical
82	M86	N132	N122			RIGID	None	None	RIGID	Typical
83	M87	N133	N129			RIGID	None	None	RIGID	Typical
84	M88	N134	N130			RIGID	None	None	RIGID	Typical
85	M89	N135	N131			RIGID	None	None	RIGID	Typical
86	M90	N260	N338			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
87	M91	N261	N339			RIGID	None	None	RIGID	Typical
88	M92	N262	N340			RIGID	None	None	RIGID	Typical
89	M93	N263	N341			RIGID	None	None	RIGID	Typical
90	M94	N196	N334			RIGID	None	None	RIGID	Typical
91	M95	N197	N335			RIGID	None	None	RIGID	Typical
92	M96	N198	N336			RIGID	None	None	RIGID	Typical
93	M97	N199	N337			RIGID	None	None	RIGID	Typical
94	MP3C	N338A	N339A			Mount Pipe	None	None	A53 Gr. B	Typical
95	M95A	N336A	N337A			RIGID	None	None	RIGID	Typical
96	MP3B	N343	N344			Mount Pipe	None	None	A53 Gr. B	Typical
97	M97A	N341A	N342A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	** NA **			None
2	M2						Yes	** NA **			None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M7						Yes	** NA **			None
8	M8						Yes	** NA **			None
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **			None
14	M14						Yes	** NA **			None
15	M15						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes	** NA **			None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes	** NA **			None
23	M23						Yes	** NA **			None
24	M24						Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	M28						Yes	** NA **			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	MP1A						Yes	** NA **			None
35	MP2A						Yes	** NA **			None
36	MP3A						Yes	** NA **			None
37	MP4A						Yes	** NA **			None
38	MP1B						Yes	** NA **			None
39	MP2B						Yes	** NA **			None
40	MP4B						Yes	** NA **			None
41	MP1C						Yes	** NA **			None
42	MP2C						Yes	** NA **			None
43	MP4C						Yes	** NA **			None
44	M46						Yes	** NA **			None
45	M47						Yes	** NA **			None
46	M48						Yes	** NA **			None
47	M49						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
48	M50						Yes	** NA **			None
49	M51						Yes	** NA **			None
50	M52						Yes	** NA **			None
51	M53						Yes	** NA **			None
52	M54						Yes	** NA **			None
53	M55						Yes	** NA **			None
54	M56						Yes	** NA **			None
55	M57						Yes	** NA **			None
56	M58						Yes	** NA **			None
57	M59						Yes	** NA **			None
58	M60						Yes	** NA **			None
59	M61						Yes	** NA **			None
60	M62						Yes	** NA **			None
61	M63						Yes	** NA **			None
62	M64						Yes	** NA **			None
63	M65						Yes	** NA **			None
64	M67						Yes	** NA **			None
65	M68						Yes	** NA **			None
66	M69						Yes	** NA **			None
67	M71						Yes	** NA **			None
68	M72						Yes	** NA **			None
69	M73						Yes	** NA **			None
70	M74						Yes	** NA **			None
71	M75						Yes	** NA **			None
72	M76						Yes	** NA **			None
73	M77						Yes	** NA **			None
74	M78						Yes	** NA **			None
75	M79						Yes	** NA **			None
76	M80						Yes	** NA **			None
77	M81						Yes	** NA **			None
78	M82						Yes	** NA **			None
79	M83						Yes	** NA **			None
80	M84						Yes	** NA **			None
81	M85						Yes	** NA **			None
82	M86						Yes	** NA **			None
83	M87						Yes	** NA **			None
84	M88						Yes	** NA **			None
85	M89						Yes	** NA **			None
86	M90						Yes	** NA **			None
87	M91						Yes	** NA **			None
88	M92						Yes	** NA **			None
89	M93						Yes	** NA **			None
90	M94						Yes	** NA **			None
91	M95						Yes	** NA **			None
92	M96						Yes	** NA **			None
93	M97						Yes	** NA **			None
94	MP3C						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	M97A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Y	-17.6	4.5
2	MP2C	My	-.008	4.5
3	MP2C	Mz	-.004	4.5
4	M33	Y	-26.9	1
5	M33	My	0	1
6	M33	Mz	0	1
7	MP1A	Y	-43.55	3
8	MP1A	My	-.022	3

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1A	Mz	0	3
10	MP1A	Y	-43.55	5
11	MP1A	My	-.022	5
12	MP1A	Mz	0	5
13	MP1B	Y	-43.55	3
14	MP1B	My	.011	3
15	MP1B	Mz	-.019	3
16	MP1B	Y	-43.55	5
17	MP1B	My	.011	5
18	MP1B	Mz	-.019	5
19	MP1C	Y	-43.55	3
20	MP1C	My	.011	3
21	MP1C	Mz	.019	3
22	MP1C	Y	-43.55	5
23	MP1C	My	.011	5
24	MP1C	Mz	.019	5
25	MP2A	Y	-21.85	1.5
26	MP2A	My	-.011	1.5
27	MP2A	Mz	.012	1.5
28	MP2A	Y	-21.85	6.5
29	MP2A	My	-.011	6.5
30	MP2A	Mz	.012	6.5
31	MP2B	Y	-21.85	1.5
32	MP2B	My	-.005	1.5
33	MP2B	Mz	-.015	1.5
34	MP2B	Y	-21.85	6.5
35	MP2B	My	-.005	6.5
36	MP2B	Mz	-.015	6.5
37	MP2C	Y	-21.85	1.5
38	MP2C	My	.016	1.5
39	MP2C	Mz	.004	1.5
40	MP2C	Y	-21.85	6.5
41	MP2C	My	.016	6.5
42	MP2C	Mz	.004	6.5
43	MP2A	Y	-21.85	1.5
44	MP2A	My	-.011	1.5
45	MP2A	Mz	-.012	1.5
46	MP2A	Y	-21.85	6.5
47	MP2A	My	-.011	6.5
48	MP2A	Mz	-.012	6.5
49	MP2B	Y	-21.85	1.5
50	MP2B	My	.016	1.5
51	MP2B	Mz	-.004	1.5
52	MP2B	Y	-21.85	6.5
53	MP2B	My	.016	6.5
54	MP2B	Mz	-.004	6.5
55	MP2C	Y	-21.85	1.5
56	MP2C	My	-.005	1.5
57	MP2C	Mz	.015	1.5
58	MP2C	Y	-21.85	6.5
59	MP2C	My	-.005	6.5
60	MP2C	Mz	.015	6.5
61	MP4A	Y	-6	2.5
62	MP4A	My	-.003	2.5
63	MP4A	Mz	0	2.5
64	MP4A	Y	-6	5.5
65	MP4A	My	-.003	5.5
66	MP4A	Mz	0	5.5
67	MP4C	Y	-6	2.5
68	MP4C	My	.002	2.5
69	MP4C	Mz	.003	2.5
70	MP4C	Y	-6	5.5
71	MP4C	My	.002	5.5

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP4C	Mz	.003	5.5
73	MP4B	Y	-4.95	2.5
74	MP4B	My	.001	2.5
75	MP4B	Mz	-.002	2.5
76	MP4B	Y	-4.95	5.5
77	MP4B	My	.001	5.5
78	MP4B	Mz	-.002	5.5
79	MP2A	Y	-84.4	2.5
80	MP2A	My	.042	2.5
81	MP2A	Mz	0	2.5
82	MP2B	Y	-84.4	2.5
83	MP2B	My	-.021	2.5
84	MP2B	Mz	.037	2.5
85	MP2C	Y	-84.4	2.5
86	MP2C	My	-.021	2.5
87	MP2C	Mz	-.037	2.5
88	MP3A	Y	-70.3	2.5
89	MP3A	My	.035	2.5
90	MP3A	Mz	0	2.5
91	MP3B	Y	-70.3	2.5
92	MP3B	My	-.018	2.5
93	MP3B	Mz	.03	2.5
94	MP3C	Y	-70.3	2.5
95	MP3C	My	-.018	2.5
96	MP3C	Mz	-.03	2.5
97	M33	Y	-32	1
98	M33	My	0	1
99	M33	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Y	-27.146	4.5
2	MP2C	My	-.012	4.5
3	MP2C	Mz	-.007	4.5
4	M33	Y	-83.046	1
5	M33	My	0	1
6	M33	Mz	0	1
7	MP1A	Y	-53.395	3
8	MP1A	My	-.027	3
9	MP1A	Mz	0	3
10	MP1A	Y	-53.395	5
11	MP1A	My	-.027	5
12	MP1A	Mz	0	5
13	MP1B	Y	-53.395	3
14	MP1B	My	.013	3
15	MP1B	Mz	-.023	3
16	MP1B	Y	-53.395	5
17	MP1B	My	.013	5
18	MP1B	Mz	-.023	5
19	MP1C	Y	-53.395	3
20	MP1C	My	.013	3
21	MP1C	Mz	.023	3
22	MP1C	Y	-53.395	5
23	MP1C	My	.013	5
24	MP1C	Mz	.023	5
25	MP2A	Y	-90.512	1.5
26	MP2A	My	-.045	1.5
27	MP2A	Mz	.049	1.5
28	MP2A	Y	-90.512	6.5
29	MP2A	My	-.045	6.5
30	MP2A	Mz	.049	6.5
31	MP2B	Y	-90.512	1.5

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2B	My	-.02	1.5
33	MP2B	Mz	-.064	1.5
34	MP2B	Y	-90.512	6.5
35	MP2B	My	-.02	6.5
36	MP2B	Mz	-.064	6.5
37	MP2C	Y	-90.512	1.5
38	MP2C	My	.065	1.5
39	MP2C	Mz	.015	1.5
40	MP2C	Y	-90.512	6.5
41	MP2C	My	.065	6.5
42	MP2C	Mz	.015	6.5
43	MP2A	Y	-90.512	1.5
44	MP2A	My	-.045	1.5
45	MP2A	Mz	-.049	1.5
46	MP2A	Y	-90.512	6.5
47	MP2A	My	-.045	6.5
48	MP2A	Mz	-.049	6.5
49	MP2B	Y	-90.512	1.5
50	MP2B	My	.065	1.5
51	MP2B	Mz	-.015	1.5
52	MP2B	Y	-90.512	6.5
53	MP2B	My	.065	6.5
54	MP2B	Mz	-.015	6.5
55	MP2C	Y	-90.512	1.5
56	MP2C	My	-.02	1.5
57	MP2C	Mz	.064	1.5
58	MP2C	Y	-90.512	6.5
59	MP2C	My	-.02	6.5
60	MP2C	Mz	.064	6.5
61	MP4A	Y	-46.604	2.5
62	MP4A	My	-.023	2.5
63	MP4A	Mz	0	2.5
64	MP4A	Y	-46.604	5.5
65	MP4A	My	-.023	5.5
66	MP4A	Mz	0	5.5
67	MP4C	Y	-46.604	2.5
68	MP4C	My	.012	2.5
69	MP4C	Mz	.02	2.5
70	MP4C	Y	-46.604	5.5
71	MP4C	My	.012	5.5
72	MP4C	Mz	.02	5.5
73	MP4B	Y	-53.13	2.5
74	MP4B	My	.013	2.5
75	MP4B	Mz	-.023	2.5
76	MP4B	Y	-53.13	5.5
77	MP4B	My	.013	5.5
78	MP4B	Mz	-.023	5.5
79	MP2A	Y	-67.787	2.5
80	MP2A	My	.034	2.5
81	MP2A	Mz	0	2.5
82	MP2B	Y	-67.787	2.5
83	MP2B	My	-.017	2.5
84	MP2B	Mz	.029	2.5
85	MP2C	Y	-67.787	2.5
86	MP2C	My	-.017	2.5
87	MP2C	Mz	-.029	2.5
88	MP3A	Y	-61.17	2.5
89	MP3A	My	.031	2.5
90	MP3A	Mz	0	2.5
91	MP3B	Y	-61.17	2.5
92	MP3B	My	-.015	2.5
93	MP3B	Mz	.026	2.5
94	MP3C	Y	-61.17	2.5

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3C	My	-.015	2.5
96	MP3C	Mz	-.026	2.5
97	M33	Y	-113.665	1
98	M33	My	0	1
99	M33	Mz	0	1

Member Point Loads (BLC 3 : Antenna Wo (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	4.5
2	MP2C	Z	-30.404	4.5
3	MP2C	Mx	.008	4.5
4	M33	X	0	1
5	M33	Z	-87.474	1
6	M33	Mx	0	1
7	MP1A	X	0	3
8	MP1A	Z	-75.168	3
9	MP1A	Mx	0	3
10	MP1A	X	0	5
11	MP1A	Z	-75.168	5
12	MP1A	Mx	0	5
13	MP1B	X	0	3
14	MP1B	Z	-38.207	3
15	MP1B	Mx	.017	3
16	MP1B	X	0	5
17	MP1B	Z	-38.207	5
18	MP1B	Mx	.017	5
19	MP1C	X	0	3
20	MP1C	Z	-38.207	3
21	MP1C	Mx	-.017	3
22	MP1C	X	0	5
23	MP1C	Z	-38.207	5
24	MP1C	Mx	-.017	5
25	MP2A	X	0	1.5
26	MP2A	Z	-104.123	1.5
27	MP2A	Mx	-.056	1.5
28	MP2A	X	0	6.5
29	MP2A	Z	-104.123	6.5
30	MP2A	Mx	-.056	6.5
31	MP2B	X	0	1.5
32	MP2B	Z	-59.54	1.5
33	MP2B	Mx	.042	1.5
34	MP2B	X	0	6.5
35	MP2B	Z	-59.54	6.5
36	MP2B	Mx	.042	6.5
37	MP2C	X	0	1.5
38	MP2C	Z	-59.54	1.5
39	MP2C	Mx	-.01	1.5
40	MP2C	X	0	6.5
41	MP2C	Z	-59.54	6.5
42	MP2C	Mx	-.01	6.5
43	MP2A	X	0	1.5
44	MP2A	Z	-104.123	1.5
45	MP2A	Mx	.056	1.5
46	MP2A	X	0	6.5
47	MP2A	Z	-104.123	6.5
48	MP2A	Mx	.056	6.5
49	MP2B	X	0	1.5
50	MP2B	Z	-59.54	1.5
51	MP2B	Mx	.01	1.5
52	MP2B	X	0	6.5
53	MP2B	Z	-59.54	6.5
54	MP2B	Mx	.01	6.5

Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP2C	X	0	1.5
56	MP2C	Z	-59.54	1.5
57	MP2C	Mx	-.042	1.5
58	MP2C	X	0	6.5
59	MP2C	Z	-59.54	6.5
60	MP2C	Mx	-.042	6.5
61	MP4A	X	0	2.5
62	MP4A	Z	-68.265	2.5
63	MP4A	Mx	0	2.5
64	MP4A	X	0	5.5
65	MP4A	Z	-68.265	5.5
66	MP4A	Mx	0	5.5
67	MP4C	X	0	2.5
68	MP4C	Z	-57.231	2.5
69	MP4C	Mx	-.025	2.5
70	MP4C	X	0	5.5
71	MP4C	Z	-57.231	5.5
72	MP4C	Mx	-.025	5.5
73	MP4B	X	0	2.5
74	MP4B	Z	-57.721	2.5
75	MP4B	Mx	.025	2.5
76	MP4B	X	0	5.5
77	MP4B	Z	-57.721	5.5
78	MP4B	Mx	.025	5.5
79	MP2A	X	0	2.5
80	MP2A	Z	-59.444	2.5
81	MP2A	Mx	0	2.5
82	MP2B	X	0	2.5
83	MP2B	Z	-44.775	2.5
84	MP2B	Mx	-.019	2.5
85	MP2C	X	0	2.5
86	MP2C	Z	-44.775	2.5
87	MP2C	Mx	.019	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	-59.444	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	-39.31	2.5
93	MP3B	Mx	-.017	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	-39.31	2.5
96	MP3C	Mx	.017	2.5
97	M33	X	0	1
98	M33	Z	-133.114	1
99	M33	Mx	0	1

Member Point Loads (BLC 4 : Antenna Wo (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	18.408	4.5
2	MP2C	Z	-31.884	4.5
3	MP2C	Mx	0	4.5
4	M33	X	35.333	1
5	M33	Z	-61.199	1
6	M33	Mx	0	1
7	MP1A	X	31.424	3
8	MP1A	Z	-54.428	3
9	MP1A	Mx	-.016	3
10	MP1A	X	31.424	5
11	MP1A	Z	-54.428	5
12	MP1A	Mx	-.016	5
13	MP1B	X	12.943	3
14	MP1B	Z	-22.419	3

Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1B	Mx	.013	3
16	MP1B	X	12.943	5
17	MP1B	Z	-22.419	5
18	MP1B	Mx	.013	5
19	MP1C	X	31.424	3
20	MP1C	Z	-54.428	3
21	MP1C	Mx	-.016	3
22	MP1C	X	31.424	5
23	MP1C	Z	-54.428	5
24	MP1C	Mx	-.016	5
25	MP2A	X	44.631	1.5
26	MP2A	Z	-77.303	1.5
27	MP2A	Mx	-.064	1.5
28	MP2A	X	44.631	6.5
29	MP2A	Z	-77.303	6.5
30	MP2A	Mx	-.064	6.5
31	MP2B	X	22.339	1.5
32	MP2B	Z	-38.693	1.5
33	MP2B	Mx	.022	1.5
34	MP2B	X	22.339	6.5
35	MP2B	Z	-38.693	6.5
36	MP2B	Mx	.022	6.5
37	MP2C	X	44.631	1.5
38	MP2C	Z	-77.303	1.5
39	MP2C	Mx	.02	1.5
40	MP2C	X	44.631	6.5
41	MP2C	Z	-77.303	6.5
42	MP2C	Mx	.02	6.5
43	MP2A	X	44.631	1.5
44	MP2A	Z	-77.303	1.5
45	MP2A	Mx	.02	1.5
46	MP2A	X	44.631	6.5
47	MP2A	Z	-77.303	6.5
48	MP2A	Mx	.02	6.5
49	MP2B	X	22.339	1.5
50	MP2B	Z	-38.693	1.5
51	MP2B	Mx	.022	1.5
52	MP2B	X	22.339	6.5
53	MP2B	Z	-38.693	6.5
54	MP2B	Mx	.022	6.5
55	MP2C	X	44.631	1.5
56	MP2C	Z	-77.303	1.5
57	MP2C	Mx	-.064	1.5
58	MP2C	X	44.631	6.5
59	MP2C	Z	-77.303	6.5
60	MP2C	Mx	-.064	6.5
61	MP4A	X	32.293	2.5
62	MP4A	Z	-55.934	2.5
63	MP4A	Mx	-.016	2.5
64	MP4A	X	32.293	5.5
65	MP4A	Z	-55.934	5.5
66	MP4A	Mx	-.016	5.5
67	MP4C	X	32.293	2.5
68	MP4C	Z	-55.934	2.5
69	MP4C	Mx	-.016	2.5
70	MP4C	X	32.293	5.5
71	MP4C	Z	-55.934	5.5
72	MP4C	Mx	-.016	5.5
73	MP4B	X	23.396	2.5
74	MP4B	Z	-40.523	2.5
75	MP4B	Mx	.023	2.5
76	MP4B	X	23.396	5.5
77	MP4B	Z	-40.523	5.5

Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4B	Mx	.023	5.5
79	MP2A	X	27.277	2.5
80	MP2A	Z	-47.245	2.5
81	MP2A	Mx	.014	2.5
82	MP2B	X	19.942	2.5
83	MP2B	Z	-34.541	2.5
84	MP2B	Mx	-.02	2.5
85	MP2C	X	27.277	2.5
86	MP2C	Z	-47.245	2.5
87	MP2C	Mx	.014	2.5
88	MP3A	X	26.366	2.5
89	MP3A	Z	-45.668	2.5
90	MP3A	Mx	.013	2.5
91	MP3B	X	16.299	2.5
92	MP3B	Z	-28.231	2.5
93	MP3B	Mx	-.016	2.5
94	MP3C	X	26.366	2.5
95	MP3C	Z	-45.668	2.5
96	MP3C	Mx	.013	2.5
97	M33	X	54.32	1
98	M33	Z	-94.086	1
99	M33	Mx	0	1

Member Point Loads (BLC 5 : Antenna Wo (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	26.331	4.5
2	MP2C	Z	-15.202	4.5
3	MP2C	Mx	-.008	4.5
4	M33	X	53.921	1
5	M33	Z	-31.131	1
6	M33	Mx	0	1
7	MP1A	X	33.088	3
8	MP1A	Z	-19.104	3
9	MP1A	Mx	-.017	3
10	MP1A	X	33.088	5
11	MP1A	Z	-19.104	5
12	MP1A	Mx	-.017	5
13	MP1B	X	33.088	3
14	MP1B	Z	-19.104	3
15	MP1B	Mx	.017	3
16	MP1B	X	33.088	5
17	MP1B	Z	-19.104	5
18	MP1B	Mx	.017	5
19	MP1C	X	65.097	3
20	MP1C	Z	-37.584	3
21	MP1C	Mx	0	3
22	MP1C	X	65.097	5
23	MP1C	Z	-37.584	5
24	MP1C	Mx	0	5
25	MP2A	X	51.563	1.5
26	MP2A	Z	-29.77	1.5
27	MP2A	Mx	-.042	1.5
28	MP2A	X	51.563	6.5
29	MP2A	Z	-29.77	6.5
30	MP2A	Mx	-.042	6.5
31	MP2B	X	51.563	1.5
32	MP2B	Z	-29.77	1.5
33	MP2B	Mx	.01	1.5
34	MP2B	X	51.563	6.5
35	MP2B	Z	-29.77	6.5
36	MP2B	Mx	.01	6.5
37	MP2C	X	90.173	1.5

Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2C	Z	-52.061	1.5
39	MP2C	Mx	.056	1.5
40	MP2C	X	90.173	6.5
41	MP2C	Z	-52.061	6.5
42	MP2C	Mx	.056	6.5
43	MP2A	X	51.563	1.5
44	MP2A	Z	-29.77	1.5
45	MP2A	Mx	-.01	1.5
46	MP2A	X	51.563	6.5
47	MP2A	Z	-29.77	6.5
48	MP2A	Mx	-.01	6.5
49	MP2B	X	51.563	1.5
50	MP2B	Z	-29.77	1.5
51	MP2B	Mx	.042	1.5
52	MP2B	X	51.563	6.5
53	MP2B	Z	-29.77	6.5
54	MP2B	Mx	.042	6.5
55	MP2C	X	90.173	1.5
56	MP2C	Z	-52.061	1.5
57	MP2C	Mx	-.056	1.5
58	MP2C	X	90.173	6.5
59	MP2C	Z	-52.061	6.5
60	MP2C	Mx	-.056	6.5
61	MP4A	X	49.564	2.5
62	MP4A	Z	-28.616	2.5
63	MP4A	Mx	-.025	2.5
64	MP4A	X	49.564	5.5
65	MP4A	Z	-28.616	5.5
66	MP4A	Mx	-.025	5.5
67	MP4C	X	59.119	2.5
68	MP4C	Z	-34.132	2.5
69	MP4C	Mx	0	2.5
70	MP4C	X	59.119	5.5
71	MP4C	Z	-34.132	5.5
72	MP4C	Mx	0	5.5
73	MP4B	X	49.988	2.5
74	MP4B	Z	-28.861	2.5
75	MP4B	Mx	.025	2.5
76	MP4B	X	49.988	5.5
77	MP4B	Z	-28.861	5.5
78	MP4B	Mx	.025	5.5
79	MP2A	X	38.776	2.5
80	MP2A	Z	-22.387	2.5
81	MP2A	Mx	.019	2.5
82	MP2B	X	38.776	2.5
83	MP2B	Z	-22.387	2.5
84	MP2B	Mx	-.019	2.5
85	MP2C	X	51.48	2.5
86	MP2C	Z	-29.722	2.5
87	MP2C	Mx	0	2.5
88	MP3A	X	34.043	2.5
89	MP3A	Z	-19.655	2.5
90	MP3A	Mx	.017	2.5
91	MP3B	X	34.043	2.5
92	MP3B	Z	-19.655	2.5
93	MP3B	Mx	-.017	2.5
94	MP3C	X	51.48	2.5
95	MP3C	Z	-29.722	2.5
96	MP3C	Mx	0	2.5
97	M33	X	83.489	1
98	M33	Z	-48.202	1
99	M33	Mx	0	1

Member Point Loads (BLC 6 : Antenna Wo (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	17.579	4.5
2	MP2C	Z	0	4.5
3	MP2C	Mx	-.008	4.5
4	M33	X	70.666	1
5	M33	Z	0	1
6	M33	Mx	0	1
7	MP1A	X	25.887	3
8	MP1A	Z	0	3
9	MP1A	Mx	-.013	3
10	MP1A	X	25.887	5
11	MP1A	Z	0	5
12	MP1A	Mx	-.013	5
13	MP1B	X	62.848	3
14	MP1B	Z	0	3
15	MP1B	Mx	.016	3
16	MP1B	X	62.848	5
17	MP1B	Z	0	5
18	MP1B	Mx	.016	5
19	MP1C	X	62.848	3
20	MP1C	Z	0	3
21	MP1C	Mx	.016	3
22	MP1C	X	62.848	5
23	MP1C	Z	0	5
24	MP1C	Mx	.016	5
25	MP2A	X	44.679	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	-.022	1.5
28	MP2A	X	44.679	6.5
29	MP2A	Z	0	6.5
30	MP2A	Mx	-.022	6.5
31	MP2B	X	89.262	1.5
32	MP2B	Z	0	1.5
33	MP2B	Mx	-.02	1.5
34	MP2B	X	89.262	6.5
35	MP2B	Z	0	6.5
36	MP2B	Mx	-.02	6.5
37	MP2C	X	89.262	1.5
38	MP2C	Z	0	1.5
39	MP2C	Mx	.064	1.5
40	MP2C	X	89.262	6.5
41	MP2C	Z	0	6.5
42	MP2C	Mx	.064	6.5
43	MP2A	X	44.679	1.5
44	MP2A	Z	0	1.5
45	MP2A	Mx	-.022	1.5
46	MP2A	X	44.679	6.5
47	MP2A	Z	0	6.5
48	MP2A	Mx	-.022	6.5
49	MP2B	X	89.262	1.5
50	MP2B	Z	0	1.5
51	MP2B	Mx	.064	1.5
52	MP2B	X	89.262	6.5
53	MP2B	Z	0	6.5
54	MP2B	Mx	.064	6.5
55	MP2C	X	89.262	1.5
56	MP2C	Z	0	1.5
57	MP2C	Mx	-.02	1.5
58	MP2C	X	89.262	6.5
59	MP2C	Z	0	6.5
60	MP2C	Mx	-.02	6.5
61	MP4A	X	53.554	2.5
62	MP4A	Z	0	2.5
63	MP4A	Mx	-.027	2.5

Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP4A	X	53.554	5.5
65	MP4A	Z	0	5.5
66	MP4A	Mx	-.027	5.5
67	MP4C	X	64.587	2.5
68	MP4C	Z	0	2.5
69	MP4C	Mx	.016	2.5
70	MP4C	X	64.587	5.5
71	MP4C	Z	0	5.5
72	MP4C	Mx	.016	5.5
73	MP4B	X	79.579	2.5
74	MP4B	Z	0	2.5
75	MP4B	Mx	.02	2.5
76	MP4B	X	79.579	5.5
77	MP4B	Z	0	5.5
78	MP4B	Mx	.02	5.5
79	MP2A	X	39.885	2.5
80	MP2A	Z	0	2.5
81	MP2A	Mx	.02	2.5
82	MP2B	X	54.554	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	-.014	2.5
85	MP2C	X	54.554	2.5
86	MP2C	Z	0	2.5
87	MP2C	Mx	-.014	2.5
88	MP3A	X	32.598	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	.016	2.5
91	MP3B	X	52.733	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	-.013	2.5
94	MP3C	X	52.733	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	-.013	2.5
97	M33	X	108.641	1
98	M33	Z	0	1
99	M33	Mx	0	1

Member Point Loads (BLC 7 : Antenna Wo (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	9.671	4.5
2	MP2C	Z	5.583	4.5
3	MP2C	Mx	-.006	4.5
4	M33	X	75.754	1
5	M33	Z	43.737	1
6	M33	Mx	0	1
7	MP1A	X	33.088	3
8	MP1A	Z	19.104	3
9	MP1A	Mx	-.017	3
10	MP1A	X	33.088	5
11	MP1A	Z	19.104	5
12	MP1A	Mx	-.017	5
13	MP1B	X	65.097	3
14	MP1B	Z	37.584	3
15	MP1B	Mx	0	3
16	MP1B	X	65.097	5
17	MP1B	Z	37.584	5
18	MP1B	Mx	0	5
19	MP1C	X	33.088	3
20	MP1C	Z	19.104	3
21	MP1C	Mx	.017	3
22	MP1C	X	33.088	5
23	MP1C	Z	19.104	5

Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1C	Mx	.017	5
25	MP2A	X	51.563	1.5
26	MP2A	Z	29.77	1.5
27	MP2A	Mx	-.01	1.5
28	MP2A	X	51.563	6.5
29	MP2A	Z	29.77	6.5
30	MP2A	Mx	-.01	6.5
31	MP2B	X	90.173	1.5
32	MP2B	Z	52.061	1.5
33	MP2B	Mx	-.056	1.5
34	MP2B	X	90.173	6.5
35	MP2B	Z	52.061	6.5
36	MP2B	Mx	-.056	6.5
37	MP2C	X	51.563	1.5
38	MP2C	Z	29.77	1.5
39	MP2C	Mx	.042	1.5
40	MP2C	X	51.563	6.5
41	MP2C	Z	29.77	6.5
42	MP2C	Mx	.042	6.5
43	MP2A	X	51.563	1.5
44	MP2A	Z	29.77	1.5
45	MP2A	Mx	-.042	1.5
46	MP2A	X	51.563	6.5
47	MP2A	Z	29.77	6.5
48	MP2A	Mx	-.042	6.5
49	MP2B	X	90.173	1.5
50	MP2B	Z	52.061	1.5
51	MP2B	Mx	.056	1.5
52	MP2B	X	90.173	6.5
53	MP2B	Z	52.061	6.5
54	MP2B	Mx	.056	6.5
55	MP2C	X	51.563	1.5
56	MP2C	Z	29.77	1.5
57	MP2C	Mx	.01	1.5
58	MP2C	X	51.563	6.5
59	MP2C	Z	29.77	6.5
60	MP2C	Mx	.01	6.5
61	MP4A	X	49.564	2.5
62	MP4A	Z	28.616	2.5
63	MP4A	Mx	-.025	2.5
64	MP4A	X	49.564	5.5
65	MP4A	Z	28.616	5.5
66	MP4A	Mx	-.025	5.5
67	MP4C	X	49.564	2.5
68	MP4C	Z	28.616	2.5
69	MP4C	Mx	.025	2.5
70	MP4C	X	49.564	5.5
71	MP4C	Z	28.616	5.5
72	MP4C	Mx	.025	5.5
73	MP4B	X	78.382	2.5
74	MP4B	Z	45.254	2.5
75	MP4B	Mx	0	2.5
76	MP4B	X	78.382	5.5
77	MP4B	Z	45.254	5.5
78	MP4B	Mx	0	5.5
79	MP2A	X	38.776	2.5
80	MP2A	Z	22.387	2.5
81	MP2A	Mx	.019	2.5
82	MP2B	X	51.48	2.5
83	MP2B	Z	29.722	2.5
84	MP2B	Mx	0	2.5
85	MP2C	X	38.776	2.5
86	MP2C	Z	22.387	2.5

Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2C	Mx	-.019	2.5
88	MP3A	X	34.043	2.5
89	MP3A	Z	19.655	2.5
90	MP3A	Mx	.017	2.5
91	MP3B	X	51.48	2.5
92	MP3B	Z	29.722	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	34.043	2.5
95	MP3C	Z	19.655	2.5
96	MP3C	Mx	-.017	2.5
97	M33	X	115.28	1
98	M33	Z	66.557	1
99	M33	Mx	0	1

Member Point Loads (BLC 8 : Antenna Wo (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	8.79	4.5
2	MP2C	Z	15.224	4.5
3	MP2C	Mx	-.008	4.5
4	M33	X	47.939	1
5	M33	Z	83.032	1
6	M33	Mx	0	1
7	MP1A	X	31.424	3
8	MP1A	Z	54.428	3
9	MP1A	Mx	-.016	3
10	MP1A	X	31.424	5
11	MP1A	Z	54.428	5
12	MP1A	Mx	-.016	5
13	MP1B	X	31.424	3
14	MP1B	Z	54.428	3
15	MP1B	Mx	-.016	3
16	MP1B	X	31.424	5
17	MP1B	Z	54.428	5
18	MP1B	Mx	-.016	5
19	MP1C	X	12.943	3
20	MP1C	Z	22.419	3
21	MP1C	Mx	.013	3
22	MP1C	X	12.943	5
23	MP1C	Z	22.419	5
24	MP1C	Mx	.013	5
25	MP2A	X	44.631	1.5
26	MP2A	Z	77.303	1.5
27	MP2A	Mx	.02	1.5
28	MP2A	X	44.631	6.5
29	MP2A	Z	77.303	6.5
30	MP2A	Mx	.02	6.5
31	MP2B	X	44.631	1.5
32	MP2B	Z	77.303	1.5
33	MP2B	Mx	-.064	1.5
34	MP2B	X	44.631	6.5
35	MP2B	Z	77.303	6.5
36	MP2B	Mx	-.064	6.5
37	MP2C	X	22.339	1.5
38	MP2C	Z	38.693	1.5
39	MP2C	Mx	.022	1.5
40	MP2C	X	22.339	6.5
41	MP2C	Z	38.693	6.5
42	MP2C	Mx	.022	6.5
43	MP2A	X	44.631	1.5
44	MP2A	Z	77.303	1.5
45	MP2A	Mx	-.064	1.5
46	MP2A	X	44.631	6.5

Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2A	Z	77.303	6.5
48	MP2A	Mx	-.064	6.5
49	MP2B	X	44.631	1.5
50	MP2B	Z	77.303	1.5
51	MP2B	Mx	.02	1.5
52	MP2B	X	44.631	6.5
53	MP2B	Z	77.303	6.5
54	MP2B	Mx	.02	6.5
55	MP2C	X	22.339	1.5
56	MP2C	Z	38.693	1.5
57	MP2C	Mx	.022	1.5
58	MP2C	X	22.339	6.5
59	MP2C	Z	38.693	6.5
60	MP2C	Mx	.022	6.5
61	MP4A	X	32.293	2.5
62	MP4A	Z	55.934	2.5
63	MP4A	Mx	-.016	2.5
64	MP4A	X	32.293	5.5
65	MP4A	Z	55.934	5.5
66	MP4A	Mx	-.016	5.5
67	MP4C	X	26.777	2.5
68	MP4C	Z	46.379	2.5
69	MP4C	Mx	.027	2.5
70	MP4C	X	26.777	5.5
71	MP4C	Z	46.379	5.5
72	MP4C	Mx	.027	5.5
73	MP4B	X	39.79	2.5
74	MP4B	Z	68.918	2.5
75	MP4B	Mx	-.02	2.5
76	MP4B	X	39.79	5.5
77	MP4B	Z	68.918	5.5
78	MP4B	Mx	-.02	5.5
79	MP2A	X	27.277	2.5
80	MP2A	Z	47.245	2.5
81	MP2A	Mx	.014	2.5
82	MP2B	X	27.277	2.5
83	MP2B	Z	47.245	2.5
84	MP2B	Mx	.014	2.5
85	MP2C	X	19.942	2.5
86	MP2C	Z	34.541	2.5
87	MP2C	Mx	-.02	2.5
88	MP3A	X	26.366	2.5
89	MP3A	Z	45.668	2.5
90	MP3A	Mx	.013	2.5
91	MP3B	X	26.366	2.5
92	MP3B	Z	45.668	2.5
93	MP3B	Mx	.013	2.5
94	MP3C	X	16.299	2.5
95	MP3C	Z	28.231	2.5
96	MP3C	Mx	-.016	2.5
97	M33	X	72.675	1
98	M33	Z	125.877	1
99	M33	Mx	0	1

Member Point Loads (BLC 9 : Antenna Wo (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	4.5
2	MP2C	Z	30.404	4.5
3	MP2C	Mx	-.008	4.5
4	M33	X	0	1
5	M33	Z	87.474	1
6	M33	Mx	0	1

Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1A	X	0	3
8	MP1A	Z	75.168	3
9	MP1A	Mx	0	3
10	MP1A	X	0	5
11	MP1A	Z	75.168	5
12	MP1A	Mx	0	5
13	MP1B	X	0	3
14	MP1B	Z	38.207	3
15	MP1B	Mx	-.017	3
16	MP1B	X	0	5
17	MP1B	Z	38.207	5
18	MP1B	Mx	-.017	5
19	MP1C	X	0	3
20	MP1C	Z	38.207	3
21	MP1C	Mx	.017	3
22	MP1C	X	0	5
23	MP1C	Z	38.207	5
24	MP1C	Mx	.017	5
25	MP2A	X	0	1.5
26	MP2A	Z	104.123	1.5
27	MP2A	Mx	.056	1.5
28	MP2A	X	0	6.5
29	MP2A	Z	104.123	6.5
30	MP2A	Mx	.056	6.5
31	MP2B	X	0	1.5
32	MP2B	Z	59.54	1.5
33	MP2B	Mx	-.042	1.5
34	MP2B	X	0	6.5
35	MP2B	Z	59.54	6.5
36	MP2B	Mx	-.042	6.5
37	MP2C	X	0	1.5
38	MP2C	Z	59.54	1.5
39	MP2C	Mx	.01	1.5
40	MP2C	X	0	6.5
41	MP2C	Z	59.54	6.5
42	MP2C	Mx	.01	6.5
43	MP2A	X	0	1.5
44	MP2A	Z	104.123	1.5
45	MP2A	Mx	-.056	1.5
46	MP2A	X	0	6.5
47	MP2A	Z	104.123	6.5
48	MP2A	Mx	-.056	6.5
49	MP2B	X	0	1.5
50	MP2B	Z	59.54	1.5
51	MP2B	Mx	-.01	1.5
52	MP2B	X	0	6.5
53	MP2B	Z	59.54	6.5
54	MP2B	Mx	-.01	6.5
55	MP2C	X	0	1.5
56	MP2C	Z	59.54	1.5
57	MP2C	Mx	.042	1.5
58	MP2C	X	0	6.5
59	MP2C	Z	59.54	6.5
60	MP2C	Mx	.042	6.5
61	MP4A	X	0	2.5
62	MP4A	Z	68.265	2.5
63	MP4A	Mx	0	2.5
64	MP4A	X	0	5.5
65	MP4A	Z	68.265	5.5
66	MP4A	Mx	0	5.5
67	MP4C	X	0	2.5
68	MP4C	Z	57.231	2.5
69	MP4C	Mx	.025	2.5

Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP4C	X	0	5.5
71	MP4C	Z	57.231	5.5
72	MP4C	Mx	.025	5.5
73	MP4B	X	0	2.5
74	MP4B	Z	57.721	2.5
75	MP4B	Mx	-.025	2.5
76	MP4B	X	0	5.5
77	MP4B	Z	57.721	5.5
78	MP4B	Mx	-.025	5.5
79	MP2A	X	0	2.5
80	MP2A	Z	59.444	2.5
81	MP2A	Mx	0	2.5
82	MP2B	X	0	2.5
83	MP2B	Z	44.775	2.5
84	MP2B	Mx	.019	2.5
85	MP2C	X	0	2.5
86	MP2C	Z	44.775	2.5
87	MP2C	Mx	-.019	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	59.444	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	39.31	2.5
93	MP3B	Mx	.017	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	39.31	2.5
96	MP3C	Mx	-.017	2.5
97	M33	X	0	1
98	M33	Z	133.114	1
99	M33	Mx	0	1

Member Point Loads (BLC 10 : Antenna Wo (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-18.408	4.5
2	MP2C	Z	31.884	4.5
3	MP2C	Mx	0	4.5
4	M33	X	-35.333	1
5	M33	Z	61.199	1
6	M33	Mx	0	1
7	MP1A	X	-31.424	3
8	MP1A	Z	54.428	3
9	MP1A	Mx	.016	3
10	MP1A	X	-31.424	5
11	MP1A	Z	54.428	5
12	MP1A	Mx	.016	5
13	MP1B	X	-12.943	3
14	MP1B	Z	22.419	3
15	MP1B	Mx	-.013	3
16	MP1B	X	-12.943	5
17	MP1B	Z	22.419	5
18	MP1B	Mx	-.013	5
19	MP1C	X	-31.424	3
20	MP1C	Z	54.428	3
21	MP1C	Mx	.016	3
22	MP1C	X	-31.424	5
23	MP1C	Z	54.428	5
24	MP1C	Mx	.016	5
25	MP2A	X	-44.631	1.5
26	MP2A	Z	77.303	1.5
27	MP2A	Mx	.064	1.5
28	MP2A	X	-44.631	6.5
29	MP2A	Z	77.303	6.5

Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2A	Mx	.064	6.5
31	MP2B	X	-22.339	1.5
32	MP2B	Z	38.693	1.5
33	MP2B	Mx	-.022	1.5
34	MP2B	X	-22.339	6.5
35	MP2B	Z	38.693	6.5
36	MP2B	Mx	-.022	6.5
37	MP2C	X	-44.631	1.5
38	MP2C	Z	77.303	1.5
39	MP2C	Mx	-.02	1.5
40	MP2C	X	-44.631	6.5
41	MP2C	Z	77.303	6.5
42	MP2C	Mx	-.02	6.5
43	MP2A	X	-44.631	1.5
44	MP2A	Z	77.303	1.5
45	MP2A	Mx	-.02	1.5
46	MP2A	X	-44.631	6.5
47	MP2A	Z	77.303	6.5
48	MP2A	Mx	-.02	6.5
49	MP2B	X	-22.339	1.5
50	MP2B	Z	38.693	1.5
51	MP2B	Mx	-.022	1.5
52	MP2B	X	-22.339	6.5
53	MP2B	Z	38.693	6.5
54	MP2B	Mx	-.022	6.5
55	MP2C	X	-44.631	1.5
56	MP2C	Z	77.303	1.5
57	MP2C	Mx	.064	1.5
58	MP2C	X	-44.631	6.5
59	MP2C	Z	77.303	6.5
60	MP2C	Mx	.064	6.5
61	MP4A	X	-32.293	2.5
62	MP4A	Z	55.934	2.5
63	MP4A	Mx	.016	2.5
64	MP4A	X	-32.293	5.5
65	MP4A	Z	55.934	5.5
66	MP4A	Mx	.016	5.5
67	MP4C	X	-32.293	2.5
68	MP4C	Z	55.934	2.5
69	MP4C	Mx	.016	2.5
70	MP4C	X	-32.293	5.5
71	MP4C	Z	55.934	5.5
72	MP4C	Mx	.016	5.5
73	MP4B	X	-23.396	2.5
74	MP4B	Z	40.523	2.5
75	MP4B	Mx	-.023	2.5
76	MP4B	X	-23.396	5.5
77	MP4B	Z	40.523	5.5
78	MP4B	Mx	-.023	5.5
79	MP2A	X	-27.277	2.5
80	MP2A	Z	47.245	2.5
81	MP2A	Mx	-.014	2.5
82	MP2B	X	-19.942	2.5
83	MP2B	Z	34.541	2.5
84	MP2B	Mx	.02	2.5
85	MP2C	X	-27.277	2.5
86	MP2C	Z	47.245	2.5
87	MP2C	Mx	-.014	2.5
88	MP3A	X	-26.366	2.5
89	MP3A	Z	45.668	2.5
90	MP3A	Mx	-.013	2.5
91	MP3B	X	-16.299	2.5
92	MP3B	Z	28.231	2.5

Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3B	Mx	.016	2.5
94	MP3C	X	-26.366	2.5
95	MP3C	Z	45.668	2.5
96	MP3C	Mx	-.013	2.5
97	M33	X	-54.32	1
98	M33	Z	94.086	1
99	M33	Mx	0	1

Member Point Loads (BLC 11 : Antenna Wo (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-26.331	4.5
2	MP2C	Z	15.202	4.5
3	MP2C	Mx	.008	4.5
4	M33	X	-53.921	1
5	M33	Z	31.131	1
6	M33	Mx	0	1
7	MP1A	X	-33.088	3
8	MP1A	Z	19.104	3
9	MP1A	Mx	.017	3
10	MP1A	X	-33.088	5
11	MP1A	Z	19.104	5
12	MP1A	Mx	.017	5
13	MP1B	X	-33.088	3
14	MP1B	Z	19.104	3
15	MP1B	Mx	-.017	3
16	MP1B	X	-33.088	5
17	MP1B	Z	19.104	5
18	MP1B	Mx	-.017	5
19	MP1C	X	-65.097	3
20	MP1C	Z	37.584	3
21	MP1C	Mx	0	3
22	MP1C	X	-65.097	5
23	MP1C	Z	37.584	5
24	MP1C	Mx	0	5
25	MP2A	X	-51.563	1.5
26	MP2A	Z	29.77	1.5
27	MP2A	Mx	.042	1.5
28	MP2A	X	-51.563	6.5
29	MP2A	Z	29.77	6.5
30	MP2A	Mx	.042	6.5
31	MP2B	X	-51.563	1.5
32	MP2B	Z	29.77	1.5
33	MP2B	Mx	-.01	1.5
34	MP2B	X	-51.563	6.5
35	MP2B	Z	29.77	6.5
36	MP2B	Mx	-.01	6.5
37	MP2C	X	-90.173	1.5
38	MP2C	Z	52.061	1.5
39	MP2C	Mx	-.056	1.5
40	MP2C	X	-90.173	6.5
41	MP2C	Z	52.061	6.5
42	MP2C	Mx	-.056	6.5
43	MP2A	X	-51.563	1.5
44	MP2A	Z	29.77	1.5
45	MP2A	Mx	.01	1.5
46	MP2A	X	-51.563	6.5
47	MP2A	Z	29.77	6.5
48	MP2A	Mx	.01	6.5
49	MP2B	X	-51.563	1.5
50	MP2B	Z	29.77	1.5
51	MP2B	Mx	-.042	1.5
52	MP2B	X	-51.563	6.5

Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	29.77	6.5
54	MP2B	Mx	-.042	6.5
55	MP2C	X	-90.173	1.5
56	MP2C	Z	52.061	1.5
57	MP2C	Mx	.056	1.5
58	MP2C	X	-90.173	6.5
59	MP2C	Z	52.061	6.5
60	MP2C	Mx	.056	6.5
61	MP4A	X	-49.564	2.5
62	MP4A	Z	28.616	2.5
63	MP4A	Mx	.025	2.5
64	MP4A	X	-49.564	5.5
65	MP4A	Z	28.616	5.5
66	MP4A	Mx	.025	5.5
67	MP4C	X	-59.119	2.5
68	MP4C	Z	34.132	2.5
69	MP4C	Mx	0	2.5
70	MP4C	X	-59.119	5.5
71	MP4C	Z	34.132	5.5
72	MP4C	Mx	0	5.5
73	MP4B	X	-49.988	2.5
74	MP4B	Z	28.861	2.5
75	MP4B	Mx	-.025	2.5
76	MP4B	X	-49.988	5.5
77	MP4B	Z	28.861	5.5
78	MP4B	Mx	-.025	5.5
79	MP2A	X	-38.776	2.5
80	MP2A	Z	22.387	2.5
81	MP2A	Mx	-.019	2.5
82	MP2B	X	-38.776	2.5
83	MP2B	Z	22.387	2.5
84	MP2B	Mx	.019	2.5
85	MP2C	X	-51.48	2.5
86	MP2C	Z	29.722	2.5
87	MP2C	Mx	0	2.5
88	MP3A	X	-34.043	2.5
89	MP3A	Z	19.655	2.5
90	MP3A	Mx	-.017	2.5
91	MP3B	X	-34.043	2.5
92	MP3B	Z	19.655	2.5
93	MP3B	Mx	.017	2.5
94	MP3C	X	-51.48	2.5
95	MP3C	Z	29.722	2.5
96	MP3C	Mx	0	2.5
97	M33	X	-83.489	1
98	M33	Z	48.202	1
99	M33	Mx	0	1

Member Point Loads (BLC 12 : Antenna Wo (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-17.579	4.5
2	MP2C	Z	0	4.5
3	MP2C	Mx	.008	4.5
4	M33	X	-70.666	1
5	M33	Z	0	1
6	M33	Mx	0	1
7	MP1A	X	-25.887	3
8	MP1A	Z	0	3
9	MP1A	Mx	.013	3
10	MP1A	X	-25.887	5
11	MP1A	Z	0	5
12	MP1A	Mx	.013	5

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1B	X	-62.848	3
14	MP1B	Z	0	3
15	MP1B	Mx	-.016	3
16	MP1B	X	-62.848	5
17	MP1B	Z	0	5
18	MP1B	Mx	-.016	5
19	MP1C	X	-62.848	3
20	MP1C	Z	0	3
21	MP1C	Mx	-.016	3
22	MP1C	X	-62.848	5
23	MP1C	Z	0	5
24	MP1C	Mx	-.016	5
25	MP2A	X	-44.679	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	.022	1.5
28	MP2A	X	-44.679	6.5
29	MP2A	Z	0	6.5
30	MP2A	Mx	.022	6.5
31	MP2B	X	-89.262	1.5
32	MP2B	Z	0	1.5
33	MP2B	Mx	.02	1.5
34	MP2B	X	-89.262	6.5
35	MP2B	Z	0	6.5
36	MP2B	Mx	.02	6.5
37	MP2C	X	-89.262	1.5
38	MP2C	Z	0	1.5
39	MP2C	Mx	-.064	1.5
40	MP2C	X	-89.262	6.5
41	MP2C	Z	0	6.5
42	MP2C	Mx	-.064	6.5
43	MP2A	X	-44.679	1.5
44	MP2A	Z	0	1.5
45	MP2A	Mx	.022	1.5
46	MP2A	X	-44.679	6.5
47	MP2A	Z	0	6.5
48	MP2A	Mx	.022	6.5
49	MP2B	X	-89.262	1.5
50	MP2B	Z	0	1.5
51	MP2B	Mx	-.064	1.5
52	MP2B	X	-89.262	6.5
53	MP2B	Z	0	6.5
54	MP2B	Mx	-.064	6.5
55	MP2C	X	-89.262	1.5
56	MP2C	Z	0	1.5
57	MP2C	Mx	.02	1.5
58	MP2C	X	-89.262	6.5
59	MP2C	Z	0	6.5
60	MP2C	Mx	.02	6.5
61	MP4A	X	-53.554	2.5
62	MP4A	Z	0	2.5
63	MP4A	Mx	.027	2.5
64	MP4A	X	-53.554	5.5
65	MP4A	Z	0	5.5
66	MP4A	Mx	.027	5.5
67	MP4C	X	-64.587	2.5
68	MP4C	Z	0	2.5
69	MP4C	Mx	-.016	2.5
70	MP4C	X	-64.587	5.5
71	MP4C	Z	0	5.5
72	MP4C	Mx	-.016	5.5
73	MP4B	X	-79.579	2.5
74	MP4B	Z	0	2.5
75	MP4B	Mx	-.02	2.5

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4B	X	-79.579	5.5
77	MP4B	Z	0	5.5
78	MP4B	Mx	-.02	5.5
79	MP2A	X	-39.885	2.5
80	MP2A	Z	0	2.5
81	MP2A	Mx	-.02	2.5
82	MP2B	X	-54.554	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	.014	2.5
85	MP2C	X	-54.554	2.5
86	MP2C	Z	0	2.5
87	MP2C	Mx	.014	2.5
88	MP3A	X	-32.598	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	-.016	2.5
91	MP3B	X	-52.733	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	.013	2.5
94	MP3C	X	-52.733	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	.013	2.5
97	M33	X	-108.641	1
98	M33	Z	0	1
99	M33	Mx	0	1

Member Point Loads (BLC 13 : Antenna Wo (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-9.671	4.5
2	MP2C	Z	-5.583	4.5
3	MP2C	Mx	.006	4.5
4	M33	X	-75.754	1
5	M33	Z	-43.737	1
6	M33	Mx	0	1
7	MP1A	X	-33.088	3
8	MP1A	Z	-19.104	3
9	MP1A	Mx	.017	3
10	MP1A	X	-33.088	5
11	MP1A	Z	-19.104	5
12	MP1A	Mx	.017	5
13	MP1B	X	-65.097	3
14	MP1B	Z	-37.584	3
15	MP1B	Mx	0	3
16	MP1B	X	-65.097	5
17	MP1B	Z	-37.584	5
18	MP1B	Mx	0	5
19	MP1C	X	-33.088	3
20	MP1C	Z	-19.104	3
21	MP1C	Mx	-.017	3
22	MP1C	X	-33.088	5
23	MP1C	Z	-19.104	5
24	MP1C	Mx	-.017	5
25	MP2A	X	-51.563	1.5
26	MP2A	Z	-29.77	1.5
27	MP2A	Mx	.01	1.5
28	MP2A	X	-51.563	6.5
29	MP2A	Z	-29.77	6.5
30	MP2A	Mx	.01	6.5
31	MP2B	X	-90.173	1.5
32	MP2B	Z	-52.061	1.5
33	MP2B	Mx	.056	1.5
34	MP2B	X	-90.173	6.5
35	MP2B	Z	-52.061	6.5

Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2B	Mx	.056	6.5
37	MP2C	X	-51.563	1.5
38	MP2C	Z	-29.77	1.5
39	MP2C	Mx	-.042	1.5
40	MP2C	X	-51.563	6.5
41	MP2C	Z	-29.77	6.5
42	MP2C	Mx	-.042	6.5
43	MP2A	X	-51.563	1.5
44	MP2A	Z	-29.77	1.5
45	MP2A	Mx	.042	1.5
46	MP2A	X	-51.563	6.5
47	MP2A	Z	-29.77	6.5
48	MP2A	Mx	.042	6.5
49	MP2B	X	-90.173	1.5
50	MP2B	Z	-52.061	1.5
51	MP2B	Mx	-.056	1.5
52	MP2B	X	-90.173	6.5
53	MP2B	Z	-52.061	6.5
54	MP2B	Mx	-.056	6.5
55	MP2C	X	-51.563	1.5
56	MP2C	Z	-29.77	1.5
57	MP2C	Mx	-.01	1.5
58	MP2C	X	-51.563	6.5
59	MP2C	Z	-29.77	6.5
60	MP2C	Mx	-.01	6.5
61	MP4A	X	-49.564	2.5
62	MP4A	Z	-28.616	2.5
63	MP4A	Mx	.025	2.5
64	MP4A	X	-49.564	5.5
65	MP4A	Z	-28.616	5.5
66	MP4A	Mx	.025	5.5
67	MP4C	X	-49.564	2.5
68	MP4C	Z	-28.616	2.5
69	MP4C	Mx	-.025	2.5
70	MP4C	X	-49.564	5.5
71	MP4C	Z	-28.616	5.5
72	MP4C	Mx	-.025	5.5
73	MP4B	X	-78.382	2.5
74	MP4B	Z	-45.254	2.5
75	MP4B	Mx	0	2.5
76	MP4B	X	-78.382	5.5
77	MP4B	Z	-45.254	5.5
78	MP4B	Mx	0	5.5
79	MP2A	X	-38.776	2.5
80	MP2A	Z	-22.387	2.5
81	MP2A	Mx	-.019	2.5
82	MP2B	X	-51.48	2.5
83	MP2B	Z	-29.722	2.5
84	MP2B	Mx	0	2.5
85	MP2C	X	-38.776	2.5
86	MP2C	Z	-22.387	2.5
87	MP2C	Mx	.019	2.5
88	MP3A	X	-34.043	2.5
89	MP3A	Z	-19.655	2.5
90	MP3A	Mx	-.017	2.5
91	MP3B	X	-51.48	2.5
92	MP3B	Z	-29.722	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	-34.043	2.5
95	MP3C	Z	-19.655	2.5
96	MP3C	Mx	.017	2.5
97	M33	X	-115.28	1
98	M33	Z	-66.557	1

Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	M33	Mx	0	1

Member Point Loads (BLC 14 : Antenna Wo (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-8.79	4.5
2	MP2C	Z	-15.224	4.5
3	MP2C	Mx	.008	4.5
4	M33	X	-47.939	1
5	M33	Z	-83.032	1
6	M33	Mx	0	1
7	MP1A	X	-31.424	3
8	MP1A	Z	-54.428	3
9	MP1A	Mx	.016	3
10	MP1A	X	-31.424	5
11	MP1A	Z	-54.428	5
12	MP1A	Mx	.016	5
13	MP1B	X	-31.424	3
14	MP1B	Z	-54.428	3
15	MP1B	Mx	.016	3
16	MP1B	X	-31.424	5
17	MP1B	Z	-54.428	5
18	MP1B	Mx	.016	5
19	MP1C	X	-12.943	3
20	MP1C	Z	-22.419	3
21	MP1C	Mx	-.013	3
22	MP1C	X	-12.943	5
23	MP1C	Z	-22.419	5
24	MP1C	Mx	-.013	5
25	MP2A	X	-44.631	1.5
26	MP2A	Z	-77.303	1.5
27	MP2A	Mx	-.02	1.5
28	MP2A	X	-44.631	6.5
29	MP2A	Z	-77.303	6.5
30	MP2A	Mx	-.02	6.5
31	MP2B	X	-44.631	1.5
32	MP2B	Z	-77.303	1.5
33	MP2B	Mx	.064	1.5
34	MP2B	X	-44.631	6.5
35	MP2B	Z	-77.303	6.5
36	MP2B	Mx	.064	6.5
37	MP2C	X	-22.339	1.5
38	MP2C	Z	-38.693	1.5
39	MP2C	Mx	-.022	1.5
40	MP2C	X	-22.339	6.5
41	MP2C	Z	-38.693	6.5
42	MP2C	Mx	-.022	6.5
43	MP2A	X	-44.631	1.5
44	MP2A	Z	-77.303	1.5
45	MP2A	Mx	.064	1.5
46	MP2A	X	-44.631	6.5
47	MP2A	Z	-77.303	6.5
48	MP2A	Mx	.064	6.5
49	MP2B	X	-44.631	1.5
50	MP2B	Z	-77.303	1.5
51	MP2B	Mx	-.02	1.5
52	MP2B	X	-44.631	6.5
53	MP2B	Z	-77.303	6.5
54	MP2B	Mx	-.02	6.5
55	MP2C	X	-22.339	1.5
56	MP2C	Z	-38.693	1.5
57	MP2C	Mx	-.022	1.5
58	MP2C	X	-22.339	6.5

Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2C	Z	-38.693	6.5
60	MP2C	Mx	-.022	6.5
61	MP4A	X	-32.293	2.5
62	MP4A	Z	-55.934	2.5
63	MP4A	Mx	.016	2.5
64	MP4A	X	-32.293	5.5
65	MP4A	Z	-55.934	5.5
66	MP4A	Mx	.016	5.5
67	MP4C	X	-26.777	2.5
68	MP4C	Z	-46.379	2.5
69	MP4C	Mx	-.027	2.5
70	MP4C	X	-26.777	5.5
71	MP4C	Z	-46.379	5.5
72	MP4C	Mx	-.027	5.5
73	MP4B	X	-39.79	2.5
74	MP4B	Z	-68.918	2.5
75	MP4B	Mx	.02	2.5
76	MP4B	X	-39.79	5.5
77	MP4B	Z	-68.918	5.5
78	MP4B	Mx	.02	5.5
79	MP2A	X	-27.277	2.5
80	MP2A	Z	-47.245	2.5
81	MP2A	Mx	-.014	2.5
82	MP2B	X	-27.277	2.5
83	MP2B	Z	-47.245	2.5
84	MP2B	Mx	-.014	2.5
85	MP2C	X	-19.942	2.5
86	MP2C	Z	-34.541	2.5
87	MP2C	Mx	.02	2.5
88	MP3A	X	-26.366	2.5
89	MP3A	Z	-45.668	2.5
90	MP3A	Mx	-.013	2.5
91	MP3B	X	-26.366	2.5
92	MP3B	Z	-45.668	2.5
93	MP3B	Mx	-.013	2.5
94	MP3C	X	-16.299	2.5
95	MP3C	Z	-28.231	2.5
96	MP3C	Mx	.016	2.5
97	M33	X	-72.675	1
98	M33	Z	-125.877	1
99	M33	Mx	0	1

Member Point Loads (BLC 15 : Antenna Wi (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	4.5
2	MP2C	Z	-7.72	4.5
3	MP2C	Mx	.002	4.5
4	M33	X	0	1
5	M33	Z	-19.101	1
6	M33	Mx	0	1
7	MP1A	X	0	3
8	MP1A	Z	-18.586	3
9	MP1A	Mx	0	3
10	MP1A	X	0	5
11	MP1A	Z	-18.586	5
12	MP1A	Mx	0	5
13	MP1B	X	0	3
14	MP1B	Z	-10.802	3
15	MP1B	Mx	.005	3
16	MP1B	X	0	5
17	MP1B	Z	-10.802	5
18	MP1B	Mx	.005	5

Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP1C	X	0	3
20	MP1C	Z	-10.802	3
21	MP1C	Mx	-.005	3
22	MP1C	X	0	5
23	MP1C	Z	-10.802	5
24	MP1C	Mx	-.005	5
25	MP2A	X	0	1.5
26	MP2A	Z	-30.947	1.5
27	MP2A	Mx	-.017	1.5
28	MP2A	X	0	6.5
29	MP2A	Z	-30.947	6.5
30	MP2A	Mx	-.017	6.5
31	MP2B	X	0	1.5
32	MP2B	Z	-24.012	1.5
33	MP2B	Mx	.017	1.5
34	MP2B	X	0	6.5
35	MP2B	Z	-24.012	6.5
36	MP2B	Mx	.017	6.5
37	MP2C	X	0	1.5
38	MP2C	Z	-24.012	1.5
39	MP2C	Mx	-.004	1.5
40	MP2C	X	0	6.5
41	MP2C	Z	-24.012	6.5
42	MP2C	Mx	-.004	6.5
43	MP2A	X	0	1.5
44	MP2A	Z	-30.947	1.5
45	MP2A	Mx	.017	1.5
46	MP2A	X	0	6.5
47	MP2A	Z	-30.947	6.5
48	MP2A	Mx	.017	6.5
49	MP2B	X	0	1.5
50	MP2B	Z	-24.012	1.5
51	MP2B	Mx	.004	1.5
52	MP2B	X	0	6.5
53	MP2B	Z	-24.012	6.5
54	MP2B	Mx	.004	6.5
55	MP2C	X	0	1.5
56	MP2C	Z	-24.012	1.5
57	MP2C	Mx	-.017	1.5
58	MP2C	X	0	6.5
59	MP2C	Z	-24.012	6.5
60	MP2C	Mx	-.017	6.5
61	MP4A	X	0	2.5
62	MP4A	Z	-14.658	2.5
63	MP4A	Mx	0	2.5
64	MP4A	X	0	5.5
65	MP4A	Z	-14.658	5.5
66	MP4A	Mx	0	5.5
67	MP4C	X	0	2.5
68	MP4C	Z	-12.636	2.5
69	MP4C	Mx	-.005	2.5
70	MP4C	X	0	5.5
71	MP4C	Z	-12.636	5.5
72	MP4C	Mx	-.005	5.5
73	MP4B	X	0	2.5
74	MP4B	Z	-12.745	2.5
75	MP4B	Mx	.006	2.5
76	MP4B	X	0	5.5
77	MP4B	Z	-12.745	5.5
78	MP4B	Mx	.006	5.5
79	MP2A	X	0	2.5
80	MP2A	Z	-16.038	2.5
81	MP2A	Mx	0	2.5

Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2B	X	0	2.5
83	MP2B	Z	-12.517	2.5
84	MP2B	Mx	-.005	2.5
85	MP2C	X	0	2.5
86	MP2C	Z	-12.517	2.5
87	MP2C	Mx	.005	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	-16.038	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	-11.179	2.5
93	MP3B	Mx	-.005	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	-11.179	2.5
96	MP3C	Mx	.005	2.5
97	M33	X	0	1
98	M33	Z	-28.048	1
99	M33	Mx	0	1

Member Point Loads (BLC 16 : Antenna Wi (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	4.529	4.5
2	MP2C	Z	-7.844	4.5
3	MP2C	Mx	0	4.5
4	M33	X	7.946	1
5	M33	Z	-13.763	1
6	M33	Mx	0	1
7	MP1A	X	7.996	3
8	MP1A	Z	-13.849	3
9	MP1A	Mx	-.004	3
10	MP1A	X	7.996	5
11	MP1A	Z	-13.849	5
12	MP1A	Mx	-.004	5
13	MP1B	X	4.103	3
14	MP1B	Z	-7.107	3
15	MP1B	Mx	.004	3
16	MP1B	X	4.103	5
17	MP1B	Z	-7.107	5
18	MP1B	Mx	.004	5
19	MP1C	X	7.996	3
20	MP1C	Z	-13.849	3
21	MP1C	Mx	-.004	3
22	MP1C	X	7.996	5
23	MP1C	Z	-13.849	5
24	MP1C	Mx	-.004	5
25	MP2A	X	14.317	1.5
26	MP2A	Z	-24.799	1.5
27	MP2A	Mx	-.021	1.5
28	MP2A	X	14.317	6.5
29	MP2A	Z	-24.799	6.5
30	MP2A	Mx	-.021	6.5
31	MP2B	X	10.85	1.5
32	MP2B	Z	-18.793	1.5
33	MP2B	Mx	.011	1.5
34	MP2B	X	10.85	6.5
35	MP2B	Z	-18.793	6.5
36	MP2B	Mx	.011	6.5
37	MP2C	X	14.317	1.5
38	MP2C	Z	-24.799	1.5
39	MP2C	Mx	.006	1.5
40	MP2C	X	14.317	6.5
41	MP2C	Z	-24.799	6.5

Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2C	Mx	.006	6.5
43	MP2A	X	14.317	1.5
44	MP2A	Z	-24.799	1.5
45	MP2A	Mx	.006	1.5
46	MP2A	X	14.317	6.5
47	MP2A	Z	-24.799	6.5
48	MP2A	Mx	.006	6.5
49	MP2B	X	10.85	1.5
50	MP2B	Z	-18.793	1.5
51	MP2B	Mx	.011	1.5
52	MP2B	X	10.85	6.5
53	MP2B	Z	-18.793	6.5
54	MP2B	Mx	.011	6.5
55	MP2C	X	14.317	1.5
56	MP2C	Z	-24.799	1.5
57	MP2C	Mx	-.021	1.5
58	MP2C	X	14.317	6.5
59	MP2C	Z	-24.799	6.5
60	MP2C	Mx	-.021	6.5
61	MP4A	X	6.992	2.5
62	MP4A	Z	-12.11	2.5
63	MP4A	Mx	-.003	2.5
64	MP4A	X	6.992	5.5
65	MP4A	Z	-12.11	5.5
66	MP4A	Mx	-.003	5.5
67	MP4C	X	6.992	2.5
68	MP4C	Z	-12.11	2.5
69	MP4C	Mx	-.003	2.5
70	MP4C	X	6.992	5.5
71	MP4C	Z	-12.11	5.5
72	MP4C	Mx	-.003	5.5
73	MP4B	X	5.384	2.5
74	MP4B	Z	-9.325	2.5
75	MP4B	Mx	.005	2.5
76	MP4B	X	5.384	5.5
77	MP4B	Z	-9.325	5.5
78	MP4B	Mx	.005	5.5
79	MP2A	X	7.432	2.5
80	MP2A	Z	-12.873	2.5
81	MP2A	Mx	.004	2.5
82	MP2B	X	5.671	2.5
83	MP2B	Z	-9.823	2.5
84	MP2B	Mx	-.006	2.5
85	MP2C	X	7.432	2.5
86	MP2C	Z	-12.873	2.5
87	MP2C	Mx	.004	2.5
88	MP3A	X	7.209	2.5
89	MP3A	Z	-12.487	2.5
90	MP3A	Mx	.004	2.5
91	MP3B	X	4.779	2.5
92	MP3B	Z	-8.278	2.5
93	MP3B	Mx	-.005	2.5
94	MP3C	X	7.209	2.5
95	MP3C	Z	-12.487	2.5
96	MP3C	Mx	.004	2.5
97	M33	X	11.705	1
98	M33	Z	-20.273	1
99	M33	Mx	0	1

Member Point Loads (BLC 17 : Antenna Wi (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	6.686	4.5

Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2C	Z	-3.86	4.5
3	MP2C	Mx	-.002	4.5
4	M33	X	12.374	1
5	M33	Z	-7.144	1
6	M33	Mx	0	1
7	MP1A	X	9.354	3
8	MP1A	Z	-5.401	3
9	MP1A	Mx	-.005	3
10	MP1A	X	9.354	5
11	MP1A	Z	-5.401	5
12	MP1A	Mx	-.005	5
13	MP1B	X	9.354	3
14	MP1B	Z	-5.401	3
15	MP1B	Mx	.005	3
16	MP1B	X	9.354	5
17	MP1B	Z	-5.401	5
18	MP1B	Mx	.005	5
19	MP1C	X	16.096	3
20	MP1C	Z	-9.293	3
21	MP1C	Mx	0	3
22	MP1C	X	16.096	5
23	MP1C	Z	-9.293	5
24	MP1C	Mx	0	5
25	MP2A	X	20.795	1.5
26	MP2A	Z	-12.006	1.5
27	MP2A	Mx	-.017	1.5
28	MP2A	X	20.795	6.5
29	MP2A	Z	-12.006	6.5
30	MP2A	Mx	-.017	6.5
31	MP2B	X	20.795	1.5
32	MP2B	Z	-12.006	1.5
33	MP2B	Mx	.004	1.5
34	MP2B	X	20.795	6.5
35	MP2B	Z	-12.006	6.5
36	MP2B	Mx	.004	6.5
37	MP2C	X	26.8	1.5
38	MP2C	Z	-15.473	1.5
39	MP2C	Mx	.017	1.5
40	MP2C	X	26.8	6.5
41	MP2C	Z	-15.473	6.5
42	MP2C	Mx	.017	6.5
43	MP2A	X	20.795	1.5
44	MP2A	Z	-12.006	1.5
45	MP2A	Mx	-.004	1.5
46	MP2A	X	20.795	6.5
47	MP2A	Z	-12.006	6.5
48	MP2A	Mx	-.004	6.5
49	MP2B	X	20.795	1.5
50	MP2B	Z	-12.006	1.5
51	MP2B	Mx	.017	1.5
52	MP2B	X	20.795	6.5
53	MP2B	Z	-12.006	6.5
54	MP2B	Mx	.017	6.5
55	MP2C	X	26.8	1.5
56	MP2C	Z	-15.473	1.5
57	MP2C	Mx	-.017	1.5
58	MP2C	X	26.8	6.5
59	MP2C	Z	-15.473	6.5
60	MP2C	Mx	-.017	6.5
61	MP4A	X	10.943	2.5
62	MP4A	Z	-6.318	2.5
63	MP4A	Mx	-.005	2.5
64	MP4A	X	10.943	5.5

Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4A	Z	-6.318	5.5
66	MP4A	Mx	-.005	5.5
67	MP4C	X	12.694	2.5
68	MP4C	Z	-7.329	2.5
69	MP4C	Mx	0	2.5
70	MP4C	X	12.694	5.5
71	MP4C	Z	-7.329	5.5
72	MP4C	Mx	0	5.5
73	MP4B	X	11.038	2.5
74	MP4B	Z	-6.373	2.5
75	MP4B	Mx	.006	2.5
76	MP4B	X	11.038	5.5
77	MP4B	Z	-6.373	5.5
78	MP4B	Mx	.006	5.5
79	MP2A	X	10.84	2.5
80	MP2A	Z	-6.258	2.5
81	MP2A	Mx	.005	2.5
82	MP2B	X	10.84	2.5
83	MP2B	Z	-6.258	2.5
84	MP2B	Mx	-.005	2.5
85	MP2C	X	13.889	2.5
86	MP2C	Z	-8.019	2.5
87	MP2C	Mx	0	2.5
88	MP3A	X	9.681	2.5
89	MP3A	Z	-5.589	2.5
90	MP3A	Mx	.005	2.5
91	MP3B	X	9.681	2.5
92	MP3B	Z	-5.589	2.5
93	MP3B	Mx	-.005	2.5
94	MP3C	X	13.889	2.5
95	MP3C	Z	-8.019	2.5
96	MP3C	Mx	0	2.5
97	M33	X	18.264	1
98	M33	Z	-10.545	1
99	M33	Mx	0	1

Member Point Loads (BLC 18 : Antenna Wi (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	5.045	4.5
2	MP2C	Z	0	4.5
3	MP2C	Mx	-.002	4.5
4	M33	X	15.893	1
5	M33	Z	0	1
6	M33	Mx	0	1
7	MP1A	X	8.207	3
8	MP1A	Z	0	3
9	MP1A	Mx	-.004	3
10	MP1A	X	8.207	5
11	MP1A	Z	0	5
12	MP1A	Mx	-.004	5
13	MP1B	X	15.991	3
14	MP1B	Z	0	3
15	MP1B	Mx	.004	3
16	MP1B	X	15.991	5
17	MP1B	Z	0	5
18	MP1B	Mx	.004	5
19	MP1C	X	15.991	3
20	MP1C	Z	0	3
21	MP1C	Mx	.004	3
22	MP1C	X	15.991	5
23	MP1C	Z	0	5
24	MP1C	Mx	.004	5

Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	21.7	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	-.011	1.5
28	MP2A	X	21.7	6.5
29	MP2A	Z	0	6.5
30	MP2A	Mx	-.011	6.5
31	MP2B	X	28.635	1.5
32	MP2B	Z	0	1.5
33	MP2B	Mx	-.006	1.5
34	MP2B	X	28.635	6.5
35	MP2B	Z	0	6.5
36	MP2B	Mx	-.006	6.5
37	MP2C	X	28.635	1.5
38	MP2C	Z	0	1.5
39	MP2C	Mx	.021	1.5
40	MP2C	X	28.635	6.5
41	MP2C	Z	0	6.5
42	MP2C	Mx	.021	6.5
43	MP2A	X	21.7	1.5
44	MP2A	Z	0	1.5
45	MP2A	Mx	-.011	1.5
46	MP2A	X	21.7	6.5
47	MP2A	Z	0	6.5
48	MP2A	Mx	-.011	6.5
49	MP2B	X	28.635	1.5
50	MP2B	Z	0	1.5
51	MP2B	Mx	.021	1.5
52	MP2B	X	28.635	6.5
53	MP2B	Z	0	6.5
54	MP2B	Mx	.021	6.5
55	MP2C	X	28.635	1.5
56	MP2C	Z	0	1.5
57	MP2C	Mx	-.006	1.5
58	MP2C	X	28.635	6.5
59	MP2C	Z	0	6.5
60	MP2C	Mx	-.006	6.5
61	MP4A	X	11.961	2.5
62	MP4A	Z	0	2.5
63	MP4A	Mx	-.006	2.5
64	MP4A	X	11.961	5.5
65	MP4A	Z	0	5.5
66	MP4A	Mx	-.006	5.5
67	MP4C	X	13.984	2.5
68	MP4C	Z	0	2.5
69	MP4C	Mx	.003	2.5
70	MP4C	X	13.984	5.5
71	MP4C	Z	0	5.5
72	MP4C	Mx	.003	5.5
73	MP4B	X	16.701	2.5
74	MP4B	Z	0	2.5
75	MP4B	Mx	.004	2.5
76	MP4B	X	16.701	5.5
77	MP4B	Z	0	5.5
78	MP4B	Mx	.004	5.5
79	MP2A	X	11.343	2.5
80	MP2A	Z	0	2.5
81	MP2A	Mx	.006	2.5
82	MP2B	X	14.864	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	-.004	2.5
85	MP2C	X	14.864	2.5
86	MP2C	Z	0	2.5
87	MP2C	Mx	-.004	2.5

Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3A	X	9.559	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	.005	2.5
91	MP3B	X	14.418	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	-.004	2.5
94	MP3C	X	14.418	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	-.004	2.5
97	M33	X	23.409	1
98	M33	Z	0	1
99	M33	Mx	0	1

Member Point Loads (BLC 19 : Antenna Wi (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	3.21	4.5
2	MP2C	Z	1.853	4.5
3	MP2C	Mx	-.002	4.5
4	M33	X	16.542	1
5	M33	Z	9.55	1
6	M33	Mx	0	1
7	MP1A	X	9.354	3
8	MP1A	Z	5.401	3
9	MP1A	Mx	-.005	3
10	MP1A	X	9.354	5
11	MP1A	Z	5.401	5
12	MP1A	Mx	-.005	5
13	MP1B	X	16.096	3
14	MP1B	Z	9.293	3
15	MP1B	Mx	0	3
16	MP1B	X	16.096	5
17	MP1B	Z	9.293	5
18	MP1B	Mx	0	5
19	MP1C	X	9.354	3
20	MP1C	Z	5.401	3
21	MP1C	Mx	.005	3
22	MP1C	X	9.354	5
23	MP1C	Z	5.401	5
24	MP1C	Mx	.005	5
25	MP2A	X	20.795	1.5
26	MP2A	Z	12.006	1.5
27	MP2A	Mx	-.004	1.5
28	MP2A	X	20.795	6.5
29	MP2A	Z	12.006	6.5
30	MP2A	Mx	-.004	6.5
31	MP2B	X	26.8	1.5
32	MP2B	Z	15.473	1.5
33	MP2B	Mx	-.017	1.5
34	MP2B	X	26.8	6.5
35	MP2B	Z	15.473	6.5
36	MP2B	Mx	-.017	6.5
37	MP2C	X	20.795	1.5
38	MP2C	Z	12.006	1.5
39	MP2C	Mx	.017	1.5
40	MP2C	X	20.795	6.5
41	MP2C	Z	12.006	6.5
42	MP2C	Mx	.017	6.5
43	MP2A	X	20.795	1.5
44	MP2A	Z	12.006	1.5
45	MP2A	Mx	-.017	1.5
46	MP2A	X	20.795	6.5
47	MP2A	Z	12.006	6.5

Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2A	Mx	-.017	6.5
49	MP2B	X	26.8	1.5
50	MP2B	Z	15.473	1.5
51	MP2B	Mx	.017	1.5
52	MP2B	X	26.8	6.5
53	MP2B	Z	15.473	6.5
54	MP2B	Mx	.017	6.5
55	MP2C	X	20.795	1.5
56	MP2C	Z	12.006	1.5
57	MP2C	Mx	.004	1.5
58	MP2C	X	20.795	6.5
59	MP2C	Z	12.006	6.5
60	MP2C	Mx	.004	6.5
61	MP4A	X	10.943	2.5
62	MP4A	Z	6.318	2.5
63	MP4A	Mx	-.005	2.5
64	MP4A	X	10.943	5.5
65	MP4A	Z	6.318	5.5
66	MP4A	Mx	-.005	5.5
67	MP4C	X	10.943	2.5
68	MP4C	Z	6.318	2.5
69	MP4C	Mx	.005	2.5
70	MP4C	X	10.943	5.5
71	MP4C	Z	6.318	5.5
72	MP4C	Mx	.005	5.5
73	MP4B	X	16.177	2.5
74	MP4B	Z	9.34	2.5
75	MP4B	Mx	0	2.5
76	MP4B	X	16.177	5.5
77	MP4B	Z	9.34	5.5
78	MP4B	Mx	0	5.5
79	MP2A	X	10.84	2.5
80	MP2A	Z	6.258	2.5
81	MP2A	Mx	.005	2.5
82	MP2B	X	13.889	2.5
83	MP2B	Z	8.019	2.5
84	MP2B	Mx	0	2.5
85	MP2C	X	10.84	2.5
86	MP2C	Z	6.258	2.5
87	MP2C	Mx	-.005	2.5
88	MP3A	X	9.681	2.5
89	MP3A	Z	5.589	2.5
90	MP3A	Mx	.005	2.5
91	MP3B	X	13.889	2.5
92	MP3B	Z	8.019	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	9.681	2.5
95	MP3C	Z	5.589	2.5
96	MP3C	Mx	-.005	2.5
97	M33	X	24.291	1
98	M33	Z	14.024	1
99	M33	Mx	0	1

Member Point Loads (BLC 20 : Antenna Wi (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	2.522	4.5
2	MP2C	Z	4.369	4.5
3	MP2C	Mx	-.002	4.5
4	M33	X	10.352	1
5	M33	Z	17.931	1
6	M33	Mx	0	1
7	MP1A	X	7.996	3

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1A	Z	13.849	3
9	MP1A	Mx	-.004	3
10	MP1A	X	7.996	5
11	MP1A	Z	13.849	5
12	MP1A	Mx	-.004	5
13	MP1B	X	7.996	3
14	MP1B	Z	13.849	3
15	MP1B	Mx	-.004	3
16	MP1B	X	7.996	5
17	MP1B	Z	13.849	5
18	MP1B	Mx	-.004	5
19	MP1C	X	4.103	3
20	MP1C	Z	7.107	3
21	MP1C	Mx	.004	3
22	MP1C	X	4.103	5
23	MP1C	Z	7.107	5
24	MP1C	Mx	.004	5
25	MP2A	X	14.317	1.5
26	MP2A	Z	24.799	1.5
27	MP2A	Mx	.006	1.5
28	MP2A	X	14.317	6.5
29	MP2A	Z	24.799	6.5
30	MP2A	Mx	.006	6.5
31	MP2B	X	14.317	1.5
32	MP2B	Z	24.799	1.5
33	MP2B	Mx	-.021	1.5
34	MP2B	X	14.317	6.5
35	MP2B	Z	24.799	6.5
36	MP2B	Mx	-.021	6.5
37	MP2C	X	10.85	1.5
38	MP2C	Z	18.793	1.5
39	MP2C	Mx	.011	1.5
40	MP2C	X	10.85	6.5
41	MP2C	Z	18.793	6.5
42	MP2C	Mx	.011	6.5
43	MP2A	X	14.317	1.5
44	MP2A	Z	24.799	1.5
45	MP2A	Mx	-.021	1.5
46	MP2A	X	14.317	6.5
47	MP2A	Z	24.799	6.5
48	MP2A	Mx	-.021	6.5
49	MP2B	X	14.317	1.5
50	MP2B	Z	24.799	1.5
51	MP2B	Mx	.006	1.5
52	MP2B	X	14.317	6.5
53	MP2B	Z	24.799	6.5
54	MP2B	Mx	.006	6.5
55	MP2C	X	10.85	1.5
56	MP2C	Z	18.793	1.5
57	MP2C	Mx	.011	1.5
58	MP2C	X	10.85	6.5
59	MP2C	Z	18.793	6.5
60	MP2C	Mx	.011	6.5
61	MP4A	X	6.992	2.5
62	MP4A	Z	12.11	2.5
63	MP4A	Mx	-.003	2.5
64	MP4A	X	6.992	5.5
65	MP4A	Z	12.11	5.5
66	MP4A	Mx	-.003	5.5
67	MP4C	X	5.981	2.5
68	MP4C	Z	10.359	2.5
69	MP4C	Mx	.006	2.5
70	MP4C	X	5.981	5.5

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP4C	Z	10.359	5.5
72	MP4C	Mx	.006	5.5
73	MP4B	X	8.351	2.5
74	MP4B	Z	14.464	2.5
75	MP4B	Mx	-.004	2.5
76	MP4B	X	8.351	5.5
77	MP4B	Z	14.464	5.5
78	MP4B	Mx	-.004	5.5
79	MP2A	X	7.432	2.5
80	MP2A	Z	12.873	2.5
81	MP2A	Mx	.004	2.5
82	MP2B	X	7.432	2.5
83	MP2B	Z	12.873	2.5
84	MP2B	Mx	.004	2.5
85	MP2C	X	5.671	2.5
86	MP2C	Z	9.823	2.5
87	MP2C	Mx	-.006	2.5
88	MP3A	X	7.209	2.5
89	MP3A	Z	12.487	2.5
90	MP3A	Mx	.004	2.5
91	MP3B	X	7.209	2.5
92	MP3B	Z	12.487	2.5
93	MP3B	Mx	.004	2.5
94	MP3C	X	4.779	2.5
95	MP3C	Z	8.278	2.5
96	MP3C	Mx	-.005	2.5
97	M33	X	15.184	1
98	M33	Z	26.299	1
99	M33	Mx	0	1

Member Point Loads (BLC 21 : Antenna Wi (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	4.5
2	MP2C	Z	7.72	4.5
3	MP2C	Mx	-.002	4.5
4	M33	X	0	1
5	M33	Z	19.101	1
6	M33	Mx	0	1
7	MP1A	X	0	3
8	MP1A	Z	18.586	3
9	MP1A	Mx	0	3
10	MP1A	X	0	5
11	MP1A	Z	18.586	5
12	MP1A	Mx	0	5
13	MP1B	X	0	3
14	MP1B	Z	10.802	3
15	MP1B	Mx	-.005	3
16	MP1B	X	0	5
17	MP1B	Z	10.802	5
18	MP1B	Mx	-.005	5
19	MP1C	X	0	3
20	MP1C	Z	10.802	3
21	MP1C	Mx	.005	3
22	MP1C	X	0	5
23	MP1C	Z	10.802	5
24	MP1C	Mx	.005	5
25	MP2A	X	0	1.5
26	MP2A	Z	30.947	1.5
27	MP2A	Mx	.017	1.5
28	MP2A	X	0	6.5
29	MP2A	Z	30.947	6.5
30	MP2A	Mx	.017	6.5

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2B	X	0	1.5
32	MP2B	Z	24.012	1.5
33	MP2B	Mx	-.017	1.5
34	MP2B	X	0	6.5
35	MP2B	Z	24.012	6.5
36	MP2B	Mx	-.017	6.5
37	MP2C	X	0	1.5
38	MP2C	Z	24.012	1.5
39	MP2C	Mx	.004	1.5
40	MP2C	X	0	6.5
41	MP2C	Z	24.012	6.5
42	MP2C	Mx	.004	6.5
43	MP2A	X	0	1.5
44	MP2A	Z	30.947	1.5
45	MP2A	Mx	-.017	1.5
46	MP2A	X	0	6.5
47	MP2A	Z	30.947	6.5
48	MP2A	Mx	-.017	6.5
49	MP2B	X	0	1.5
50	MP2B	Z	24.012	1.5
51	MP2B	Mx	-.004	1.5
52	MP2B	X	0	6.5
53	MP2B	Z	24.012	6.5
54	MP2B	Mx	-.004	6.5
55	MP2C	X	0	1.5
56	MP2C	Z	24.012	1.5
57	MP2C	Mx	.017	1.5
58	MP2C	X	0	6.5
59	MP2C	Z	24.012	6.5
60	MP2C	Mx	.017	6.5
61	MP4A	X	0	2.5
62	MP4A	Z	14.658	2.5
63	MP4A	Mx	0	2.5
64	MP4A	X	0	5.5
65	MP4A	Z	14.658	5.5
66	MP4A	Mx	0	5.5
67	MP4C	X	0	2.5
68	MP4C	Z	12.636	2.5
69	MP4C	Mx	.005	2.5
70	MP4C	X	0	5.5
71	MP4C	Z	12.636	5.5
72	MP4C	Mx	.005	5.5
73	MP4B	X	0	2.5
74	MP4B	Z	12.745	2.5
75	MP4B	Mx	-.006	2.5
76	MP4B	X	0	5.5
77	MP4B	Z	12.745	5.5
78	MP4B	Mx	-.006	5.5
79	MP2A	X	0	2.5
80	MP2A	Z	16.038	2.5
81	MP2A	Mx	0	2.5
82	MP2B	X	0	2.5
83	MP2B	Z	12.517	2.5
84	MP2B	Mx	.005	2.5
85	MP2C	X	0	2.5
86	MP2C	Z	12.517	2.5
87	MP2C	Mx	-.005	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	16.038	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	11.179	2.5
93	MP3B	Mx	.005	2.5

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP3C	X	0	2.5
95	MP3C	Z	11.179	2.5
96	MP3C	Mx	-.005	2.5
97	M33	X	0	1
98	M33	Z	28.048	1
99	M33	Mx	0	1

Member Point Loads (BLC 22 : Antenna Wi (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-4.529	4.5
2	MP2C	Z	7.844	4.5
3	MP2C	Mx	0	4.5
4	M33	X	-7.946	1
5	M33	Z	13.763	1
6	M33	Mx	0	1
7	MP1A	X	-7.996	3
8	MP1A	Z	13.849	3
9	MP1A	Mx	.004	3
10	MP1A	X	-7.996	5
11	MP1A	Z	13.849	5
12	MP1A	Mx	.004	5
13	MP1B	X	-4.103	3
14	MP1B	Z	7.107	3
15	MP1B	Mx	-.004	3
16	MP1B	X	-4.103	5
17	MP1B	Z	7.107	5
18	MP1B	Mx	-.004	5
19	MP1C	X	-7.996	3
20	MP1C	Z	13.849	3
21	MP1C	Mx	.004	3
22	MP1C	X	-7.996	5
23	MP1C	Z	13.849	5
24	MP1C	Mx	.004	5
25	MP2A	X	-14.317	1.5
26	MP2A	Z	24.799	1.5
27	MP2A	Mx	.021	1.5
28	MP2A	X	-14.317	6.5
29	MP2A	Z	24.799	6.5
30	MP2A	Mx	.021	6.5
31	MP2B	X	-10.85	1.5
32	MP2B	Z	18.793	1.5
33	MP2B	Mx	-.011	1.5
34	MP2B	X	-10.85	6.5
35	MP2B	Z	18.793	6.5
36	MP2B	Mx	-.011	6.5
37	MP2C	X	-14.317	1.5
38	MP2C	Z	24.799	1.5
39	MP2C	Mx	-.006	1.5
40	MP2C	X	-14.317	6.5
41	MP2C	Z	24.799	6.5
42	MP2C	Mx	-.006	6.5
43	MP2A	X	-14.317	1.5
44	MP2A	Z	24.799	1.5
45	MP2A	Mx	-.006	1.5
46	MP2A	X	-14.317	6.5
47	MP2A	Z	24.799	6.5
48	MP2A	Mx	-.006	6.5
49	MP2B	X	-10.85	1.5
50	MP2B	Z	18.793	1.5
51	MP2B	Mx	-.011	1.5
52	MP2B	X	-10.85	6.5
53	MP2B	Z	18.793	6.5

Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
54	MP2B	Mx	-.011	6.5
55	MP2C	X	-14.317	1.5
56	MP2C	Z	24.799	1.5
57	MP2C	Mx	.021	1.5
58	MP2C	X	-14.317	6.5
59	MP2C	Z	24.799	6.5
60	MP2C	Mx	.021	6.5
61	MP4A	X	-6.992	2.5
62	MP4A	Z	12.11	2.5
63	MP4A	Mx	.003	2.5
64	MP4A	X	-6.992	5.5
65	MP4A	Z	12.11	5.5
66	MP4A	Mx	.003	5.5
67	MP4C	X	-6.992	2.5
68	MP4C	Z	12.11	2.5
69	MP4C	Mx	.003	2.5
70	MP4C	X	-6.992	5.5
71	MP4C	Z	12.11	5.5
72	MP4C	Mx	.003	5.5
73	MP4B	X	-5.384	2.5
74	MP4B	Z	9.325	2.5
75	MP4B	Mx	-.005	2.5
76	MP4B	X	-5.384	5.5
77	MP4B	Z	9.325	5.5
78	MP4B	Mx	-.005	5.5
79	MP2A	X	-7.432	2.5
80	MP2A	Z	12.873	2.5
81	MP2A	Mx	-.004	2.5
82	MP2B	X	-5.671	2.5
83	MP2B	Z	9.823	2.5
84	MP2B	Mx	.006	2.5
85	MP2C	X	-7.432	2.5
86	MP2C	Z	12.873	2.5
87	MP2C	Mx	-.004	2.5
88	MP3A	X	-7.209	2.5
89	MP3A	Z	12.487	2.5
90	MP3A	Mx	-.004	2.5
91	MP3B	X	-4.779	2.5
92	MP3B	Z	8.278	2.5
93	MP3B	Mx	.005	2.5
94	MP3C	X	-7.209	2.5
95	MP3C	Z	12.487	2.5
96	MP3C	Mx	-.004	2.5
97	M33	X	-11.705	1
98	M33	Z	20.273	1
99	M33	Mx	0	1

Member Point Loads (BLC 23 : Antenna Wi (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-6.686	4.5
2	MP2C	Z	3.86	4.5
3	MP2C	Mx	.002	4.5
4	M33	X	-12.374	1
5	M33	Z	7.144	1
6	M33	Mx	0	1
7	MP1A	X	-9.354	3
8	MP1A	Z	5.401	3
9	MP1A	Mx	.005	3
10	MP1A	X	-9.354	5
11	MP1A	Z	5.401	5
12	MP1A	Mx	.005	5
13	MP1B	X	-9.354	3

Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP1B	Z	5.401	3
15	MP1B	Mx	-.005	3
16	MP1B	X	-9.354	5
17	MP1B	Z	5.401	5
18	MP1B	Mx	-.005	5
19	MP1C	X	-16.096	3
20	MP1C	Z	9.293	3
21	MP1C	Mx	0	3
22	MP1C	X	-16.096	5
23	MP1C	Z	9.293	5
24	MP1C	Mx	0	5
25	MP2A	X	-20.795	1.5
26	MP2A	Z	12.006	1.5
27	MP2A	Mx	.017	1.5
28	MP2A	X	-20.795	6.5
29	MP2A	Z	12.006	6.5
30	MP2A	Mx	.017	6.5
31	MP2B	X	-20.795	1.5
32	MP2B	Z	12.006	1.5
33	MP2B	Mx	-.004	1.5
34	MP2B	X	-20.795	6.5
35	MP2B	Z	12.006	6.5
36	MP2B	Mx	-.004	6.5
37	MP2C	X	-26.8	1.5
38	MP2C	Z	15.473	1.5
39	MP2C	Mx	-.017	1.5
40	MP2C	X	-26.8	6.5
41	MP2C	Z	15.473	6.5
42	MP2C	Mx	-.017	6.5
43	MP2A	X	-20.795	1.5
44	MP2A	Z	12.006	1.5
45	MP2A	Mx	.004	1.5
46	MP2A	X	-20.795	6.5
47	MP2A	Z	12.006	6.5
48	MP2A	Mx	.004	6.5
49	MP2B	X	-20.795	1.5
50	MP2B	Z	12.006	1.5
51	MP2B	Mx	-.017	1.5
52	MP2B	X	-20.795	6.5
53	MP2B	Z	12.006	6.5
54	MP2B	Mx	-.017	6.5
55	MP2C	X	-26.8	1.5
56	MP2C	Z	15.473	1.5
57	MP2C	Mx	.017	1.5
58	MP2C	X	-26.8	6.5
59	MP2C	Z	15.473	6.5
60	MP2C	Mx	.017	6.5
61	MP4A	X	-10.943	2.5
62	MP4A	Z	6.318	2.5
63	MP4A	Mx	.005	2.5
64	MP4A	X	-10.943	5.5
65	MP4A	Z	6.318	5.5
66	MP4A	Mx	.005	5.5
67	MP4C	X	-12.694	2.5
68	MP4C	Z	7.329	2.5
69	MP4C	Mx	0	2.5
70	MP4C	X	-12.694	5.5
71	MP4C	Z	7.329	5.5
72	MP4C	Mx	0	5.5
73	MP4B	X	-11.038	2.5
74	MP4B	Z	6.373	2.5
75	MP4B	Mx	-.006	2.5
76	MP4B	X	-11.038	5.5

Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4B	Z	6.373	5.5
78	MP4B	Mx	-.006	5.5
79	MP2A	X	-10.84	2.5
80	MP2A	Z	6.258	2.5
81	MP2A	Mx	-.005	2.5
82	MP2B	X	-10.84	2.5
83	MP2B	Z	6.258	2.5
84	MP2B	Mx	.005	2.5
85	MP2C	X	-13.889	2.5
86	MP2C	Z	8.019	2.5
87	MP2C	Mx	0	2.5
88	MP3A	X	-9.681	2.5
89	MP3A	Z	5.589	2.5
90	MP3A	Mx	-.005	2.5
91	MP3B	X	-9.681	2.5
92	MP3B	Z	5.589	2.5
93	MP3B	Mx	.005	2.5
94	MP3C	X	-13.889	2.5
95	MP3C	Z	8.019	2.5
96	MP3C	Mx	0	2.5
97	M33	X	-18.264	1
98	M33	Z	10.545	1
99	M33	Mx	0	1

Member Point Loads (BLC 24 : Antenna Wi (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-5.045	4.5
2	MP2C	Z	0	4.5
3	MP2C	Mx	.002	4.5
4	M33	X	-15.893	1
5	M33	Z	0	1
6	M33	Mx	0	1
7	MP1A	X	-8.207	3
8	MP1A	Z	0	3
9	MP1A	Mx	.004	3
10	MP1A	X	-8.207	5
11	MP1A	Z	0	5
12	MP1A	Mx	.004	5
13	MP1B	X	-15.991	3
14	MP1B	Z	0	3
15	MP1B	Mx	-.004	3
16	MP1B	X	-15.991	5
17	MP1B	Z	0	5
18	MP1B	Mx	-.004	5
19	MP1C	X	-15.991	3
20	MP1C	Z	0	3
21	MP1C	Mx	-.004	3
22	MP1C	X	-15.991	5
23	MP1C	Z	0	5
24	MP1C	Mx	-.004	5
25	MP2A	X	-21.7	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	.011	1.5
28	MP2A	X	-21.7	6.5
29	MP2A	Z	0	6.5
30	MP2A	Mx	.011	6.5
31	MP2B	X	-28.635	1.5
32	MP2B	Z	0	1.5
33	MP2B	Mx	.006	1.5
34	MP2B	X	-28.635	6.5
35	MP2B	Z	0	6.5
36	MP2B	Mx	.006	6.5

Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2C	X	-28.635	1.5
38	MP2C	Z	0	1.5
39	MP2C	Mx	-.021	1.5
40	MP2C	X	-28.635	6.5
41	MP2C	Z	0	6.5
42	MP2C	Mx	-.021	6.5
43	MP2A	X	-21.7	1.5
44	MP2A	Z	0	1.5
45	MP2A	Mx	.011	1.5
46	MP2A	X	-21.7	6.5
47	MP2A	Z	0	6.5
48	MP2A	Mx	.011	6.5
49	MP2B	X	-28.635	1.5
50	MP2B	Z	0	1.5
51	MP2B	Mx	-.021	1.5
52	MP2B	X	-28.635	6.5
53	MP2B	Z	0	6.5
54	MP2B	Mx	-.021	6.5
55	MP2C	X	-28.635	1.5
56	MP2C	Z	0	1.5
57	MP2C	Mx	.006	1.5
58	MP2C	X	-28.635	6.5
59	MP2C	Z	0	6.5
60	MP2C	Mx	.006	6.5
61	MP4A	X	-11.961	2.5
62	MP4A	Z	0	2.5
63	MP4A	Mx	.006	2.5
64	MP4A	X	-11.961	5.5
65	MP4A	Z	0	5.5
66	MP4A	Mx	.006	5.5
67	MP4C	X	-13.984	2.5
68	MP4C	Z	0	2.5
69	MP4C	Mx	-.003	2.5
70	MP4C	X	-13.984	5.5
71	MP4C	Z	0	5.5
72	MP4C	Mx	-.003	5.5
73	MP4B	X	-16.701	2.5
74	MP4B	Z	0	2.5
75	MP4B	Mx	-.004	2.5
76	MP4B	X	-16.701	5.5
77	MP4B	Z	0	5.5
78	MP4B	Mx	-.004	5.5
79	MP2A	X	-11.343	2.5
80	MP2A	Z	0	2.5
81	MP2A	Mx	-.006	2.5
82	MP2B	X	-14.864	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	.004	2.5
85	MP2C	X	-14.864	2.5
86	MP2C	Z	0	2.5
87	MP2C	Mx	.004	2.5
88	MP3A	X	-9.559	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	-.005	2.5
91	MP3B	X	-14.418	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	.004	2.5
94	MP3C	X	-14.418	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	.004	2.5
97	M33	X	-23.409	1
98	M33	Z	0	1
99	M33	Mx	0	1

Member Point Loads (BLC 25 : Antenna Wi (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-3.21	4.5
2	MP2C	Z	-1.853	4.5
3	MP2C	Mx	.002	4.5
4	M33	X	-16.542	1
5	M33	Z	-9.55	1
6	M33	Mx	0	1
7	MP1A	X	-9.354	3
8	MP1A	Z	-5.401	3
9	MP1A	Mx	.005	3
10	MP1A	X	-9.354	5
11	MP1A	Z	-5.401	5
12	MP1A	Mx	.005	5
13	MP1B	X	-16.096	3
14	MP1B	Z	-9.293	3
15	MP1B	Mx	0	3
16	MP1B	X	-16.096	5
17	MP1B	Z	-9.293	5
18	MP1B	Mx	0	5
19	MP1C	X	-9.354	3
20	MP1C	Z	-5.401	3
21	MP1C	Mx	-.005	3
22	MP1C	X	-9.354	5
23	MP1C	Z	-5.401	5
24	MP1C	Mx	-.005	5
25	MP2A	X	-20.795	1.5
26	MP2A	Z	-12.006	1.5
27	MP2A	Mx	.004	1.5
28	MP2A	X	-20.795	6.5
29	MP2A	Z	-12.006	6.5
30	MP2A	Mx	.004	6.5
31	MP2B	X	-26.8	1.5
32	MP2B	Z	-15.473	1.5
33	MP2B	Mx	.017	1.5
34	MP2B	X	-26.8	6.5
35	MP2B	Z	-15.473	6.5
36	MP2B	Mx	.017	6.5
37	MP2C	X	-20.795	1.5
38	MP2C	Z	-12.006	1.5
39	MP2C	Mx	-.017	1.5
40	MP2C	X	-20.795	6.5
41	MP2C	Z	-12.006	6.5
42	MP2C	Mx	-.017	6.5
43	MP2A	X	-20.795	1.5
44	MP2A	Z	-12.006	1.5
45	MP2A	Mx	.017	1.5
46	MP2A	X	-20.795	6.5
47	MP2A	Z	-12.006	6.5
48	MP2A	Mx	.017	6.5
49	MP2B	X	-26.8	1.5
50	MP2B	Z	-15.473	1.5
51	MP2B	Mx	-.017	1.5
52	MP2B	X	-26.8	6.5
53	MP2B	Z	-15.473	6.5
54	MP2B	Mx	-.017	6.5
55	MP2C	X	-20.795	1.5
56	MP2C	Z	-12.006	1.5
57	MP2C	Mx	-.004	1.5
58	MP2C	X	-20.795	6.5
59	MP2C	Z	-12.006	6.5
60	MP2C	Mx	-.004	6.5
61	MP4A	X	-10.943	2.5
62	MP4A	Z	-6.318	2.5
63	MP4A	Mx	.005	2.5

Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP4A	X	-10.943	5.5
65	MP4A	Z	-6.318	5.5
66	MP4A	Mx	.005	5.5
67	MP4C	X	-10.943	2.5
68	MP4C	Z	-6.318	2.5
69	MP4C	Mx	-.005	2.5
70	MP4C	X	-10.943	5.5
71	MP4C	Z	-6.318	5.5
72	MP4C	Mx	-.005	5.5
73	MP4B	X	-16.177	2.5
74	MP4B	Z	-9.34	2.5
75	MP4B	Mx	0	2.5
76	MP4B	X	-16.177	5.5
77	MP4B	Z	-9.34	5.5
78	MP4B	Mx	0	5.5
79	MP2A	X	-10.84	2.5
80	MP2A	Z	-6.258	2.5
81	MP2A	Mx	-.005	2.5
82	MP2B	X	-13.889	2.5
83	MP2B	Z	-8.019	2.5
84	MP2B	Mx	0	2.5
85	MP2C	X	-10.84	2.5
86	MP2C	Z	-6.258	2.5
87	MP2C	Mx	.005	2.5
88	MP3A	X	-9.681	2.5
89	MP3A	Z	-5.589	2.5
90	MP3A	Mx	-.005	2.5
91	MP3B	X	-13.889	2.5
92	MP3B	Z	-8.019	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	-9.681	2.5
95	MP3C	Z	-5.589	2.5
96	MP3C	Mx	.005	2.5
97	M33	X	-24.291	1
98	M33	Z	-14.024	1
99	M33	Mx	0	1

Member Point Loads (BLC 26 : Antenna Wi (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-2.522	4.5
2	MP2C	Z	-4.369	4.5
3	MP2C	Mx	.002	4.5
4	M33	X	-10.352	1
5	M33	Z	-17.931	1
6	M33	Mx	0	1
7	MP1A	X	-7.996	3
8	MP1A	Z	-13.849	3
9	MP1A	Mx	.004	3
10	MP1A	X	-7.996	5
11	MP1A	Z	-13.849	5
12	MP1A	Mx	.004	5
13	MP1B	X	-7.996	3
14	MP1B	Z	-13.849	3
15	MP1B	Mx	.004	3
16	MP1B	X	-7.996	5
17	MP1B	Z	-13.849	5
18	MP1B	Mx	.004	5
19	MP1C	X	-4.103	3
20	MP1C	Z	-7.107	3
21	MP1C	Mx	-.004	3
22	MP1C	X	-4.103	5
23	MP1C	Z	-7.107	5

Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1C	Mx	-.004	5
25	MP2A	X	-14.317	1.5
26	MP2A	Z	-24.799	1.5
27	MP2A	Mx	-.006	1.5
28	MP2A	X	-14.317	6.5
29	MP2A	Z	-24.799	6.5
30	MP2A	Mx	-.006	6.5
31	MP2B	X	-14.317	1.5
32	MP2B	Z	-24.799	1.5
33	MP2B	Mx	.021	1.5
34	MP2B	X	-14.317	6.5
35	MP2B	Z	-24.799	6.5
36	MP2B	Mx	.021	6.5
37	MP2C	X	-10.85	1.5
38	MP2C	Z	-18.793	1.5
39	MP2C	Mx	-.011	1.5
40	MP2C	X	-10.85	6.5
41	MP2C	Z	-18.793	6.5
42	MP2C	Mx	-.011	6.5
43	MP2A	X	-14.317	1.5
44	MP2A	Z	-24.799	1.5
45	MP2A	Mx	.021	1.5
46	MP2A	X	-14.317	6.5
47	MP2A	Z	-24.799	6.5
48	MP2A	Mx	.021	6.5
49	MP2B	X	-14.317	1.5
50	MP2B	Z	-24.799	1.5
51	MP2B	Mx	-.006	1.5
52	MP2B	X	-14.317	6.5
53	MP2B	Z	-24.799	6.5
54	MP2B	Mx	-.006	6.5
55	MP2C	X	-10.85	1.5
56	MP2C	Z	-18.793	1.5
57	MP2C	Mx	-.011	1.5
58	MP2C	X	-10.85	6.5
59	MP2C	Z	-18.793	6.5
60	MP2C	Mx	-.011	6.5
61	MP4A	X	-6.992	2.5
62	MP4A	Z	-12.11	2.5
63	MP4A	Mx	.003	2.5
64	MP4A	X	-6.992	5.5
65	MP4A	Z	-12.11	5.5
66	MP4A	Mx	.003	5.5
67	MP4C	X	-5.981	2.5
68	MP4C	Z	-10.359	2.5
69	MP4C	Mx	-.006	2.5
70	MP4C	X	-5.981	5.5
71	MP4C	Z	-10.359	5.5
72	MP4C	Mx	-.006	5.5
73	MP4B	X	-8.351	2.5
74	MP4B	Z	-14.464	2.5
75	MP4B	Mx	.004	2.5
76	MP4B	X	-8.351	5.5
77	MP4B	Z	-14.464	5.5
78	MP4B	Mx	.004	5.5
79	MP2A	X	-7.432	2.5
80	MP2A	Z	-12.873	2.5
81	MP2A	Mx	-.004	2.5
82	MP2B	X	-7.432	2.5
83	MP2B	Z	-12.873	2.5
84	MP2B	Mx	-.004	2.5
85	MP2C	X	-5.671	2.5
86	MP2C	Z	-9.823	2.5

Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2C	Mx	.006	2.5
88	MP3A	X	-7.209	2.5
89	MP3A	Z	-12.487	2.5
90	MP3A	Mx	-.004	2.5
91	MP3B	X	-7.209	2.5
92	MP3B	Z	-12.487	2.5
93	MP3B	Mx	-.004	2.5
94	MP3C	X	-4.779	2.5
95	MP3C	Z	-8.278	2.5
96	MP3C	Mx	.005	2.5
97	M33	X	-15.184	1
98	M33	Z	-26.299	1
99	M33	Mx	0	1

Member Point Loads (BLC 27 : Antenna Wm (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	4.5
2	MP2C	Z	-1.9	4.5
3	MP2C	Mx	.000475	4.5
4	M33	X	0	1
5	M33	Z	-5.467	1
6	M33	Mx	0	1
7	MP1A	X	0	3
8	MP1A	Z	-4.698	3
9	MP1A	Mx	0	3
10	MP1A	X	0	5
11	MP1A	Z	-4.698	5
12	MP1A	Mx	0	5
13	MP1B	X	0	3
14	MP1B	Z	-2.388	3
15	MP1B	Mx	.001	3
16	MP1B	X	0	5
17	MP1B	Z	-2.388	5
18	MP1B	Mx	.001	5
19	MP1C	X	0	3
20	MP1C	Z	-2.388	3
21	MP1C	Mx	-.001	3
22	MP1C	X	0	5
23	MP1C	Z	-2.388	5
24	MP1C	Mx	-.001	5
25	MP2A	X	0	1.5
26	MP2A	Z	-6.508	1.5
27	MP2A	Mx	-.004	1.5
28	MP2A	X	0	6.5
29	MP2A	Z	-6.508	6.5
30	MP2A	Mx	-.004	6.5
31	MP2B	X	0	1.5
32	MP2B	Z	-3.721	1.5
33	MP2B	Mx	.003	1.5
34	MP2B	X	0	6.5
35	MP2B	Z	-3.721	6.5
36	MP2B	Mx	.003	6.5
37	MP2C	X	0	1.5
38	MP2C	Z	-3.721	1.5
39	MP2C	Mx	-.000603	1.5
40	MP2C	X	0	6.5
41	MP2C	Z	-3.721	6.5
42	MP2C	Mx	-.000603	6.5
43	MP2A	X	0	1.5
44	MP2A	Z	-6.508	1.5
45	MP2A	Mx	.004	1.5
46	MP2A	X	0	6.5

Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2A	Z	-6.508	6.5
48	MP2A	Mx	.004	6.5
49	MP2B	X	0	1.5
50	MP2B	Z	-3.721	1.5
51	MP2B	Mx	.000603	1.5
52	MP2B	X	0	6.5
53	MP2B	Z	-3.721	6.5
54	MP2B	Mx	.000603	6.5
55	MP2C	X	0	1.5
56	MP2C	Z	-3.721	1.5
57	MP2C	Mx	-.003	1.5
58	MP2C	X	0	6.5
59	MP2C	Z	-3.721	6.5
60	MP2C	Mx	-.003	6.5
61	MP4A	X	0	2.5
62	MP4A	Z	-4.267	2.5
63	MP4A	Mx	0	2.5
64	MP4A	X	0	5.5
65	MP4A	Z	-4.267	5.5
66	MP4A	Mx	0	5.5
67	MP4C	X	0	2.5
68	MP4C	Z	-3.577	2.5
69	MP4C	Mx	-.002	2.5
70	MP4C	X	0	5.5
71	MP4C	Z	-3.577	5.5
72	MP4C	Mx	-.002	5.5
73	MP4B	X	0	2.5
74	MP4B	Z	-3.608	2.5
75	MP4B	Mx	.002	2.5
76	MP4B	X	0	5.5
77	MP4B	Z	-3.608	5.5
78	MP4B	Mx	.002	5.5
79	MP2A	X	0	2.5
80	MP2A	Z	-3.715	2.5
81	MP2A	Mx	0	2.5
82	MP2B	X	0	2.5
83	MP2B	Z	-2.798	2.5
84	MP2B	Mx	-.001	2.5
85	MP2C	X	0	2.5
86	MP2C	Z	-2.798	2.5
87	MP2C	Mx	.001	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	-3.715	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	-2.457	2.5
93	MP3B	Mx	-.001	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	-2.457	2.5
96	MP3C	Mx	.001	2.5
97	M33	X	0	1
98	M33	Z	-8.32	1
99	M33	Mx	0	1

Member Point Loads (BLC 28 : Antenna Wm (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.151	4.5
2	MP2C	Z	-1.993	4.5
3	MP2C	Mx	0	4.5
4	M33	X	2.208	1
5	M33	Z	-3.825	1
6	M33	Mx	0	1

Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1A	X	1.964	3
8	MP1A	Z	-3.402	3
9	MP1A	Mx	-.000982	3
10	MP1A	X	1.964	5
11	MP1A	Z	-3.402	5
12	MP1A	Mx	-.000982	5
13	MP1B	X	.809	3
14	MP1B	Z	-1.401	3
15	MP1B	Mx	.000809	3
16	MP1B	X	.809	5
17	MP1B	Z	-1.401	5
18	MP1B	Mx	.000809	5
19	MP1C	X	1.964	3
20	MP1C	Z	-3.402	3
21	MP1C	Mx	-.000982	3
22	MP1C	X	1.964	5
23	MP1C	Z	-3.402	5
24	MP1C	Mx	-.000982	5
25	MP2A	X	2.789	1.5
26	MP2A	Z	-4.831	1.5
27	MP2A	Mx	-.004	1.5
28	MP2A	X	2.789	6.5
29	MP2A	Z	-4.831	6.5
30	MP2A	Mx	-.004	6.5
31	MP2B	X	1.396	1.5
32	MP2B	Z	-2.418	1.5
33	MP2B	Mx	.001	1.5
34	MP2B	X	1.396	6.5
35	MP2B	Z	-2.418	6.5
36	MP2B	Mx	.001	6.5
37	MP2C	X	2.789	1.5
38	MP2C	Z	-4.831	1.5
39	MP2C	Mx	.001	1.5
40	MP2C	X	2.789	6.5
41	MP2C	Z	-4.831	6.5
42	MP2C	Mx	.001	6.5
43	MP2A	X	2.789	1.5
44	MP2A	Z	-4.831	1.5
45	MP2A	Mx	.001	1.5
46	MP2A	X	2.789	6.5
47	MP2A	Z	-4.831	6.5
48	MP2A	Mx	.001	6.5
49	MP2B	X	1.396	1.5
50	MP2B	Z	-2.418	1.5
51	MP2B	Mx	.001	1.5
52	MP2B	X	1.396	6.5
53	MP2B	Z	-2.418	6.5
54	MP2B	Mx	.001	6.5
55	MP2C	X	2.789	1.5
56	MP2C	Z	-4.831	1.5
57	MP2C	Mx	-.004	1.5
58	MP2C	X	2.789	6.5
59	MP2C	Z	-4.831	6.5
60	MP2C	Mx	-.004	6.5
61	MP4A	X	2.018	2.5
62	MP4A	Z	-3.496	2.5
63	MP4A	Mx	-.001	2.5
64	MP4A	X	2.018	5.5
65	MP4A	Z	-3.496	5.5
66	MP4A	Mx	-.001	5.5
67	MP4C	X	2.018	2.5
68	MP4C	Z	-3.496	2.5
69	MP4C	Mx	-.001	2.5

Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP4C	X	2.018	5.5
71	MP4C	Z	-3.496	5.5
72	MP4C	Mx	-.001	5.5
73	MP4B	X	1.462	2.5
74	MP4B	Z	-2.533	2.5
75	MP4B	Mx	.001	2.5
76	MP4B	X	1.462	5.5
77	MP4B	Z	-2.533	5.5
78	MP4B	Mx	.001	5.5
79	MP2A	X	1.705	2.5
80	MP2A	Z	-2.953	2.5
81	MP2A	Mx	.000853	2.5
82	MP2B	X	1.246	2.5
83	MP2B	Z	-2.159	2.5
84	MP2B	Mx	-.001	2.5
85	MP2C	X	1.705	2.5
86	MP2C	Z	-2.953	2.5
87	MP2C	Mx	.000852	2.5
88	MP3A	X	1.648	2.5
89	MP3A	Z	-2.854	2.5
90	MP3A	Mx	.000824	2.5
91	MP3B	X	1.019	2.5
92	MP3B	Z	-1.764	2.5
93	MP3B	Mx	-.001	2.5
94	MP3C	X	1.648	2.5
95	MP3C	Z	-2.854	2.5
96	MP3C	Mx	.000824	2.5
97	M33	X	3.395	1
98	M33	Z	-5.88	1
99	M33	Mx	0	1

Member Point Loads (BLC 29 : Antenna Wm (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.646	4.5
2	MP2C	Z	-.95	4.5
3	MP2C	Mx	-.000475	4.5
4	M33	X	3.37	1
5	M33	Z	-1.946	1
6	M33	Mx	0	1
7	MP1A	X	2.068	3
8	MP1A	Z	-1.194	3
9	MP1A	Mx	-.001	3
10	MP1A	X	2.068	5
11	MP1A	Z	-1.194	5
12	MP1A	Mx	-.001	5
13	MP1B	X	2.068	3
14	MP1B	Z	-1.194	3
15	MP1B	Mx	.001	3
16	MP1B	X	2.068	5
17	MP1B	Z	-1.194	5
18	MP1B	Mx	.001	5
19	MP1C	X	4.069	3
20	MP1C	Z	-2.349	3
21	MP1C	Mx	0	3
22	MP1C	X	4.069	5
23	MP1C	Z	-2.349	5
24	MP1C	Mx	0	5
25	MP2A	X	3.223	1.5
26	MP2A	Z	-1.861	1.5
27	MP2A	Mx	-.003	1.5
28	MP2A	X	3.223	6.5
29	MP2A	Z	-1.861	6.5

Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2A	Mx	-.003	6.5
31	MP2B	X	3.223	1.5
32	MP2B	Z	-1.861	1.5
33	MP2B	Mx	.000604	1.5
34	MP2B	X	3.223	6.5
35	MP2B	Z	-1.861	6.5
36	MP2B	Mx	.000604	6.5
37	MP2C	X	5.636	1.5
38	MP2C	Z	-3.254	1.5
39	MP2C	Mx	.004	1.5
40	MP2C	X	5.636	6.5
41	MP2C	Z	-3.254	6.5
42	MP2C	Mx	.004	6.5
43	MP2A	X	3.223	1.5
44	MP2A	Z	-1.861	1.5
45	MP2A	Mx	-.000603	1.5
46	MP2A	X	3.223	6.5
47	MP2A	Z	-1.861	6.5
48	MP2A	Mx	-.000603	6.5
49	MP2B	X	3.223	1.5
50	MP2B	Z	-1.861	1.5
51	MP2B	Mx	.003	1.5
52	MP2B	X	3.223	6.5
53	MP2B	Z	-1.861	6.5
54	MP2B	Mx	.003	6.5
55	MP2C	X	5.636	1.5
56	MP2C	Z	-3.254	1.5
57	MP2C	Mx	-.004	1.5
58	MP2C	X	5.636	6.5
59	MP2C	Z	-3.254	6.5
60	MP2C	Mx	-.004	6.5
61	MP4A	X	3.098	2.5
62	MP4A	Z	-1.788	2.5
63	MP4A	Mx	-.002	2.5
64	MP4A	X	3.098	5.5
65	MP4A	Z	-1.788	5.5
66	MP4A	Mx	-.002	5.5
67	MP4C	X	3.695	2.5
68	MP4C	Z	-2.133	2.5
69	MP4C	Mx	0	2.5
70	MP4C	X	3.695	5.5
71	MP4C	Z	-2.133	5.5
72	MP4C	Mx	0	5.5
73	MP4B	X	3.124	2.5
74	MP4B	Z	-1.804	2.5
75	MP4B	Mx	.002	2.5
76	MP4B	X	3.124	5.5
77	MP4B	Z	-1.804	5.5
78	MP4B	Mx	.002	5.5
79	MP2A	X	2.424	2.5
80	MP2A	Z	-1.399	2.5
81	MP2A	Mx	.001	2.5
82	MP2B	X	2.424	2.5
83	MP2B	Z	-1.399	2.5
84	MP2B	Mx	-.001	2.5
85	MP2C	X	3.217	2.5
86	MP2C	Z	-1.858	2.5
87	MP2C	Mx	0	2.5
88	MP3A	X	2.128	2.5
89	MP3A	Z	-1.228	2.5
90	MP3A	Mx	.001	2.5
91	MP3B	X	2.128	2.5
92	MP3B	Z	-1.228	2.5

Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3B	Mx	-.001	2.5
94	MP3C	X	3.217	2.5
95	MP3C	Z	-1.858	2.5
96	MP3C	Mx	0	2.5
97	M33	X	5.218	1
98	M33	Z	-3.013	1
99	M33	Mx	0	1

Member Point Loads (BLC 30 : Antenna Wm (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.099	4.5
2	MP2C	Z	0	4.5
3	MP2C	Mx	-.000476	4.5
4	M33	X	4.417	1
5	M33	Z	0	1
6	M33	Mx	0	1
7	MP1A	X	1.618	3
8	MP1A	Z	0	3
9	MP1A	Mx	-.000809	3
10	MP1A	X	1.618	5
11	MP1A	Z	0	5
12	MP1A	Mx	-.000809	5
13	MP1B	X	3.928	3
14	MP1B	Z	0	3
15	MP1B	Mx	.000982	3
16	MP1B	X	3.928	5
17	MP1B	Z	0	5
18	MP1B	Mx	.000982	5
19	MP1C	X	3.928	3
20	MP1C	Z	0	3
21	MP1C	Mx	.000982	3
22	MP1C	X	3.928	5
23	MP1C	Z	0	5
24	MP1C	Mx	.000982	5
25	MP2A	X	2.792	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	-.001	1.5
28	MP2A	X	2.792	6.5
29	MP2A	Z	0	6.5
30	MP2A	Mx	-.001	6.5
31	MP2B	X	5.579	1.5
32	MP2B	Z	0	1.5
33	MP2B	Mx	-.001	1.5
34	MP2B	X	5.579	6.5
35	MP2B	Z	0	6.5
36	MP2B	Mx	-.001	6.5
37	MP2C	X	5.579	1.5
38	MP2C	Z	0	1.5
39	MP2C	Mx	.004	1.5
40	MP2C	X	5.579	6.5
41	MP2C	Z	0	6.5
42	MP2C	Mx	.004	6.5
43	MP2A	X	2.792	1.5
44	MP2A	Z	0	1.5
45	MP2A	Mx	-.001	1.5
46	MP2A	X	2.792	6.5
47	MP2A	Z	0	6.5
48	MP2A	Mx	-.001	6.5
49	MP2B	X	5.579	1.5
50	MP2B	Z	0	1.5
51	MP2B	Mx	.004	1.5
52	MP2B	X	5.579	6.5

Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	0	6.5
54	MP2B	Mx	.004	6.5
55	MP2C	X	5.579	1.5
56	MP2C	Z	0	1.5
57	MP2C	Mx	-.001	1.5
58	MP2C	X	5.579	6.5
59	MP2C	Z	0	6.5
60	MP2C	Mx	-.001	6.5
61	MP4A	X	3.347	2.5
62	MP4A	Z	0	2.5
63	MP4A	Mx	-.002	2.5
64	MP4A	X	3.347	5.5
65	MP4A	Z	0	5.5
66	MP4A	Mx	-.002	5.5
67	MP4C	X	4.037	2.5
68	MP4C	Z	0	2.5
69	MP4C	Mx	.001	2.5
70	MP4C	X	4.037	5.5
71	MP4C	Z	0	5.5
72	MP4C	Mx	.001	5.5
73	MP4B	X	4.974	2.5
74	MP4B	Z	0	2.5
75	MP4B	Mx	.001	2.5
76	MP4B	X	4.974	5.5
77	MP4B	Z	0	5.5
78	MP4B	Mx	.001	5.5
79	MP2A	X	2.493	2.5
80	MP2A	Z	0	2.5
81	MP2A	Mx	.001	2.5
82	MP2B	X	3.41	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	-.000853	2.5
85	MP2C	X	3.41	2.5
86	MP2C	Z	0	2.5
87	MP2C	Mx	-.000853	2.5
88	MP3A	X	2.037	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	.001	2.5
91	MP3B	X	3.296	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	-.000824	2.5
94	MP3C	X	3.296	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	-.000824	2.5
97	M33	X	6.79	1
98	M33	Z	0	1
99	M33	Mx	0	1

Member Point Loads (BLC 31 : Antenna Wm (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.604	4.5
2	MP2C	Z	.349	4.5
3	MP2C	Mx	-.000349	4.5
4	M33	X	4.735	1
5	M33	Z	2.734	1
6	M33	Mx	0	1
7	MP1A	X	2.068	3
8	MP1A	Z	1.194	3
9	MP1A	Mx	-.001	3
10	MP1A	X	2.068	5
11	MP1A	Z	1.194	5
12	MP1A	Mx	-.001	5

Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1B	X	4.069	3
14	MP1B	Z	2.349	3
15	MP1B	Mx	0	3
16	MP1B	X	4.069	5
17	MP1B	Z	2.349	5
18	MP1B	Mx	0	5
19	MP1C	X	2.068	3
20	MP1C	Z	1.194	3
21	MP1C	Mx	.001	3
22	MP1C	X	2.068	5
23	MP1C	Z	1.194	5
24	MP1C	Mx	.001	5
25	MP2A	X	3.223	1.5
26	MP2A	Z	1.861	1.5
27	MP2A	Mx	-.000603	1.5
28	MP2A	X	3.223	6.5
29	MP2A	Z	1.861	6.5
30	MP2A	Mx	-.000603	6.5
31	MP2B	X	5.636	1.5
32	MP2B	Z	3.254	1.5
33	MP2B	Mx	-.004	1.5
34	MP2B	X	5.636	6.5
35	MP2B	Z	3.254	6.5
36	MP2B	Mx	-.004	6.5
37	MP2C	X	3.223	1.5
38	MP2C	Z	1.861	1.5
39	MP2C	Mx	.003	1.5
40	MP2C	X	3.223	6.5
41	MP2C	Z	1.861	6.5
42	MP2C	Mx	.003	6.5
43	MP2A	X	3.223	1.5
44	MP2A	Z	1.861	1.5
45	MP2A	Mx	-.003	1.5
46	MP2A	X	3.223	6.5
47	MP2A	Z	1.861	6.5
48	MP2A	Mx	-.003	6.5
49	MP2B	X	5.636	1.5
50	MP2B	Z	3.254	1.5
51	MP2B	Mx	.004	1.5
52	MP2B	X	5.636	6.5
53	MP2B	Z	3.254	6.5
54	MP2B	Mx	.004	6.5
55	MP2C	X	3.223	1.5
56	MP2C	Z	1.861	1.5
57	MP2C	Mx	.000604	1.5
58	MP2C	X	3.223	6.5
59	MP2C	Z	1.861	6.5
60	MP2C	Mx	.000604	6.5
61	MP4A	X	3.098	2.5
62	MP4A	Z	1.788	2.5
63	MP4A	Mx	-.002	2.5
64	MP4A	X	3.098	5.5
65	MP4A	Z	1.788	5.5
66	MP4A	Mx	-.002	5.5
67	MP4C	X	3.098	2.5
68	MP4C	Z	1.788	2.5
69	MP4C	Mx	.002	2.5
70	MP4C	X	3.098	5.5
71	MP4C	Z	1.788	5.5
72	MP4C	Mx	.002	5.5
73	MP4B	X	4.899	2.5
74	MP4B	Z	2.828	2.5
75	MP4B	Mx	0	2.5

Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4B	X	4.899	5.5
77	MP4B	Z	2.828	5.5
78	MP4B	Mx	0	5.5
79	MP2A	X	2.424	2.5
80	MP2A	Z	1.399	2.5
81	MP2A	Mx	.001	2.5
82	MP2B	X	3.217	2.5
83	MP2B	Z	1.858	2.5
84	MP2B	Mx	0	2.5
85	MP2C	X	2.424	2.5
86	MP2C	Z	1.399	2.5
87	MP2C	Mx	-.001	2.5
88	MP3A	X	2.128	2.5
89	MP3A	Z	1.228	2.5
90	MP3A	Mx	.001	2.5
91	MP3B	X	3.217	2.5
92	MP3B	Z	1.858	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	2.128	2.5
95	MP3C	Z	1.228	2.5
96	MP3C	Mx	-.001	2.5
97	M33	X	7.205	1
98	M33	Z	4.16	1
99	M33	Mx	0	1

Member Point Loads (BLC 32 : Antenna Wm (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.549	4.5
2	MP2C	Z	.952	4.5
3	MP2C	Mx	-.000476	4.5
4	M33	X	2.996	1
5	M33	Z	5.19	1
6	M33	Mx	0	1
7	MP1A	X	1.964	3
8	MP1A	Z	3.402	3
9	MP1A	Mx	-.000982	3
10	MP1A	X	1.964	5
11	MP1A	Z	3.402	5
12	MP1A	Mx	-.000982	5
13	MP1B	X	1.964	3
14	MP1B	Z	3.402	3
15	MP1B	Mx	-.000982	3
16	MP1B	X	1.964	5
17	MP1B	Z	3.402	5
18	MP1B	Mx	-.000982	5
19	MP1C	X	.809	3
20	MP1C	Z	1.401	3
21	MP1C	Mx	.000809	3
22	MP1C	X	.809	5
23	MP1C	Z	1.401	5
24	MP1C	Mx	.000809	5
25	MP2A	X	2.789	1.5
26	MP2A	Z	4.831	1.5
27	MP2A	Mx	.001	1.5
28	MP2A	X	2.789	6.5
29	MP2A	Z	4.831	6.5
30	MP2A	Mx	.001	6.5
31	MP2B	X	2.789	1.5
32	MP2B	Z	4.831	1.5
33	MP2B	Mx	-.004	1.5
34	MP2B	X	2.789	6.5
35	MP2B	Z	4.831	6.5

Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2B	Mx	-.004	6.5
37	MP2C	X	1.396	1.5
38	MP2C	Z	2.418	1.5
39	MP2C	Mx	.001	1.5
40	MP2C	X	1.396	6.5
41	MP2C	Z	2.418	6.5
42	MP2C	Mx	.001	6.5
43	MP2A	X	2.789	1.5
44	MP2A	Z	4.831	1.5
45	MP2A	Mx	-.004	1.5
46	MP2A	X	2.789	6.5
47	MP2A	Z	4.831	6.5
48	MP2A	Mx	-.004	6.5
49	MP2B	X	2.789	1.5
50	MP2B	Z	4.831	1.5
51	MP2B	Mx	.001	1.5
52	MP2B	X	2.789	6.5
53	MP2B	Z	4.831	6.5
54	MP2B	Mx	.001	6.5
55	MP2C	X	1.396	1.5
56	MP2C	Z	2.418	1.5
57	MP2C	Mx	.001	1.5
58	MP2C	X	1.396	6.5
59	MP2C	Z	2.418	6.5
60	MP2C	Mx	.001	6.5
61	MP4A	X	2.018	2.5
62	MP4A	Z	3.496	2.5
63	MP4A	Mx	-.001	2.5
64	MP4A	X	2.018	5.5
65	MP4A	Z	3.496	5.5
66	MP4A	Mx	-.001	5.5
67	MP4C	X	1.674	2.5
68	MP4C	Z	2.899	2.5
69	MP4C	Mx	.002	2.5
70	MP4C	X	1.674	5.5
71	MP4C	Z	2.899	5.5
72	MP4C	Mx	.002	5.5
73	MP4B	X	2.487	2.5
74	MP4B	Z	4.307	2.5
75	MP4B	Mx	-.001	2.5
76	MP4B	X	2.487	5.5
77	MP4B	Z	4.307	5.5
78	MP4B	Mx	-.001	5.5
79	MP2A	X	1.705	2.5
80	MP2A	Z	2.953	2.5
81	MP2A	Mx	.000853	2.5
82	MP2B	X	1.705	2.5
83	MP2B	Z	2.953	2.5
84	MP2B	Mx	.000852	2.5
85	MP2C	X	1.246	2.5
86	MP2C	Z	2.159	2.5
87	MP2C	Mx	-.001	2.5
88	MP3A	X	1.648	2.5
89	MP3A	Z	2.854	2.5
90	MP3A	Mx	.000824	2.5
91	MP3B	X	1.648	2.5
92	MP3B	Z	2.854	2.5
93	MP3B	Mx	.000824	2.5
94	MP3C	X	1.019	2.5
95	MP3C	Z	1.764	2.5
96	MP3C	Mx	-.001	2.5
97	M33	X	4.542	1
98	M33	Z	7.867	1

Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	M33	Mx	0	1

Member Point Loads (BLC 33 : Antenna Wm (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	4.5
2	MP2C	Z	1.9	4.5
3	MP2C	Mx	-.000475	4.5
4	M33	X	0	1
5	M33	Z	5.467	1
6	M33	Mx	0	1
7	MP1A	X	0	3
8	MP1A	Z	4.698	3
9	MP1A	Mx	0	3
10	MP1A	X	0	5
11	MP1A	Z	4.698	5
12	MP1A	Mx	0	5
13	MP1B	X	0	3
14	MP1B	Z	2.388	3
15	MP1B	Mx	-.001	3
16	MP1B	X	0	5
17	MP1B	Z	2.388	5
18	MP1B	Mx	-.001	5
19	MP1C	X	0	3
20	MP1C	Z	2.388	3
21	MP1C	Mx	.001	3
22	MP1C	X	0	5
23	MP1C	Z	2.388	5
24	MP1C	Mx	.001	5
25	MP2A	X	0	1.5
26	MP2A	Z	6.508	1.5
27	MP2A	Mx	.004	1.5
28	MP2A	X	0	6.5
29	MP2A	Z	6.508	6.5
30	MP2A	Mx	.004	6.5
31	MP2B	X	0	1.5
32	MP2B	Z	3.721	1.5
33	MP2B	Mx	-.003	1.5
34	MP2B	X	0	6.5
35	MP2B	Z	3.721	6.5
36	MP2B	Mx	-.003	6.5
37	MP2C	X	0	1.5
38	MP2C	Z	3.721	1.5
39	MP2C	Mx	.000603	1.5
40	MP2C	X	0	6.5
41	MP2C	Z	3.721	6.5
42	MP2C	Mx	.000603	6.5
43	MP2A	X	0	1.5
44	MP2A	Z	6.508	1.5
45	MP2A	Mx	-.004	1.5
46	MP2A	X	0	6.5
47	MP2A	Z	6.508	6.5
48	MP2A	Mx	-.004	6.5
49	MP2B	X	0	1.5
50	MP2B	Z	3.721	1.5
51	MP2B	Mx	-.000603	1.5
52	MP2B	X	0	6.5
53	MP2B	Z	3.721	6.5
54	MP2B	Mx	-.000603	6.5
55	MP2C	X	0	1.5
56	MP2C	Z	3.721	1.5
57	MP2C	Mx	.003	1.5
58	MP2C	X	0	6.5

Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2C	Z	3.721	6.5
60	MP2C	Mx	.003	6.5
61	MP4A	X	0	2.5
62	MP4A	Z	4.267	2.5
63	MP4A	Mx	0	2.5
64	MP4A	X	0	5.5
65	MP4A	Z	4.267	5.5
66	MP4A	Mx	0	5.5
67	MP4C	X	0	2.5
68	MP4C	Z	3.577	2.5
69	MP4C	Mx	.002	2.5
70	MP4C	X	0	5.5
71	MP4C	Z	3.577	5.5
72	MP4C	Mx	.002	5.5
73	MP4B	X	0	2.5
74	MP4B	Z	3.608	2.5
75	MP4B	Mx	-.002	2.5
76	MP4B	X	0	5.5
77	MP4B	Z	3.608	5.5
78	MP4B	Mx	-.002	5.5
79	MP2A	X	0	2.5
80	MP2A	Z	3.715	2.5
81	MP2A	Mx	0	2.5
82	MP2B	X	0	2.5
83	MP2B	Z	2.798	2.5
84	MP2B	Mx	.001	2.5
85	MP2C	X	0	2.5
86	MP2C	Z	2.798	2.5
87	MP2C	Mx	-.001	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	3.715	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	2.457	2.5
93	MP3B	Mx	.001	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	2.457	2.5
96	MP3C	Mx	-.001	2.5
97	M33	X	0	1
98	M33	Z	8.32	1
99	M33	Mx	0	1

Member Point Loads (BLC 34 : Antenna Wm (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.151	4.5
2	MP2C	Z	1.993	4.5
3	MP2C	Mx	0	4.5
4	M33	X	-2.208	1
5	M33	Z	3.825	1
6	M33	Mx	0	1
7	MP1A	X	-1.964	3
8	MP1A	Z	3.402	3
9	MP1A	Mx	.000982	3
10	MP1A	X	-1.964	5
11	MP1A	Z	3.402	5
12	MP1A	Mx	.000982	5
13	MP1B	X	-.809	3
14	MP1B	Z	1.401	3
15	MP1B	Mx	-.000809	3
16	MP1B	X	-.809	5
17	MP1B	Z	1.401	5
18	MP1B	Mx	-.000809	5

Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP1C	X	-1.964	3
20	MP1C	Z	3.402	3
21	MP1C	Mx	.000982	3
22	MP1C	X	-1.964	5
23	MP1C	Z	3.402	5
24	MP1C	Mx	.000982	5
25	MP2A	X	-2.789	1.5
26	MP2A	Z	4.831	1.5
27	MP2A	Mx	.004	1.5
28	MP2A	X	-2.789	6.5
29	MP2A	Z	4.831	6.5
30	MP2A	Mx	.004	6.5
31	MP2B	X	-1.396	1.5
32	MP2B	Z	2.418	1.5
33	MP2B	Mx	-.001	1.5
34	MP2B	X	-1.396	6.5
35	MP2B	Z	2.418	6.5
36	MP2B	Mx	-.001	6.5
37	MP2C	X	-2.789	1.5
38	MP2C	Z	4.831	1.5
39	MP2C	Mx	-.001	1.5
40	MP2C	X	-2.789	6.5
41	MP2C	Z	4.831	6.5
42	MP2C	Mx	-.001	6.5
43	MP2A	X	-2.789	1.5
44	MP2A	Z	4.831	1.5
45	MP2A	Mx	-.001	1.5
46	MP2A	X	-2.789	6.5
47	MP2A	Z	4.831	6.5
48	MP2A	Mx	-.001	6.5
49	MP2B	X	-1.396	1.5
50	MP2B	Z	2.418	1.5
51	MP2B	Mx	-.001	1.5
52	MP2B	X	-1.396	6.5
53	MP2B	Z	2.418	6.5
54	MP2B	Mx	-.001	6.5
55	MP2C	X	-2.789	1.5
56	MP2C	Z	4.831	1.5
57	MP2C	Mx	.004	1.5
58	MP2C	X	-2.789	6.5
59	MP2C	Z	4.831	6.5
60	MP2C	Mx	.004	6.5
61	MP4A	X	-2.018	2.5
62	MP4A	Z	3.496	2.5
63	MP4A	Mx	.001	2.5
64	MP4A	X	-2.018	5.5
65	MP4A	Z	3.496	5.5
66	MP4A	Mx	.001	5.5
67	MP4C	X	-2.018	2.5
68	MP4C	Z	3.496	2.5
69	MP4C	Mx	.001	2.5
70	MP4C	X	-2.018	5.5
71	MP4C	Z	3.496	5.5
72	MP4C	Mx	.001	5.5
73	MP4B	X	-1.462	2.5
74	MP4B	Z	2.533	2.5
75	MP4B	Mx	-.001	2.5
76	MP4B	X	-1.462	5.5
77	MP4B	Z	2.533	5.5
78	MP4B	Mx	-.001	5.5
79	MP2A	X	-1.705	2.5
80	MP2A	Z	2.953	2.5
81	MP2A	Mx	-.000853	2.5

Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2B	X	-1.246	2.5
83	MP2B	Z	2.159	2.5
84	MP2B	Mx	.001	2.5
85	MP2C	X	-1.705	2.5
86	MP2C	Z	2.953	2.5
87	MP2C	Mx	-.000852	2.5
88	MP3A	X	-1.648	2.5
89	MP3A	Z	2.854	2.5
90	MP3A	Mx	-.000824	2.5
91	MP3B	X	-1.019	2.5
92	MP3B	Z	1.764	2.5
93	MP3B	Mx	.001	2.5
94	MP3C	X	-1.648	2.5
95	MP3C	Z	2.854	2.5
96	MP3C	Mx	-.000824	2.5
97	M33	X	-3.395	1
98	M33	Z	5.88	1
99	M33	Mx	0	1

Member Point Loads (BLC 35 : Antenna Wm (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.646	4.5
2	MP2C	Z	.95	4.5
3	MP2C	Mx	.000475	4.5
4	M33	X	-3.37	1
5	M33	Z	1.946	1
6	M33	Mx	0	1
7	MP1A	X	-2.068	3
8	MP1A	Z	1.194	3
9	MP1A	Mx	.001	3
10	MP1A	X	-2.068	5
11	MP1A	Z	1.194	5
12	MP1A	Mx	.001	5
13	MP1B	X	-2.068	3
14	MP1B	Z	1.194	3
15	MP1B	Mx	-.001	3
16	MP1B	X	-2.068	5
17	MP1B	Z	1.194	5
18	MP1B	Mx	-.001	5
19	MP1C	X	-4.069	3
20	MP1C	Z	2.349	3
21	MP1C	Mx	0	3
22	MP1C	X	-4.069	5
23	MP1C	Z	2.349	5
24	MP1C	Mx	0	5
25	MP2A	X	-3.223	1.5
26	MP2A	Z	1.861	1.5
27	MP2A	Mx	.003	1.5
28	MP2A	X	-3.223	6.5
29	MP2A	Z	1.861	6.5
30	MP2A	Mx	.003	6.5
31	MP2B	X	-3.223	1.5
32	MP2B	Z	1.861	1.5
33	MP2B	Mx	-.000604	1.5
34	MP2B	X	-3.223	6.5
35	MP2B	Z	1.861	6.5
36	MP2B	Mx	-.000604	6.5
37	MP2C	X	-5.636	1.5
38	MP2C	Z	3.254	1.5
39	MP2C	Mx	-.004	1.5
40	MP2C	X	-5.636	6.5
41	MP2C	Z	3.254	6.5

Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2C	Mx	-.004	6.5
43	MP2A	X	-3.223	1.5
44	MP2A	Z	1.861	1.5
45	MP2A	Mx	.000603	1.5
46	MP2A	X	-3.223	6.5
47	MP2A	Z	1.861	6.5
48	MP2A	Mx	.000603	6.5
49	MP2B	X	-3.223	1.5
50	MP2B	Z	1.861	1.5
51	MP2B	Mx	-.003	1.5
52	MP2B	X	-3.223	6.5
53	MP2B	Z	1.861	6.5
54	MP2B	Mx	-.003	6.5
55	MP2C	X	-5.636	1.5
56	MP2C	Z	3.254	1.5
57	MP2C	Mx	.004	1.5
58	MP2C	X	-5.636	6.5
59	MP2C	Z	3.254	6.5
60	MP2C	Mx	.004	6.5
61	MP4A	X	-3.098	2.5
62	MP4A	Z	1.788	2.5
63	MP4A	Mx	.002	2.5
64	MP4A	X	-3.098	5.5
65	MP4A	Z	1.788	5.5
66	MP4A	Mx	.002	5.5
67	MP4C	X	-3.695	2.5
68	MP4C	Z	2.133	2.5
69	MP4C	Mx	0	2.5
70	MP4C	X	-3.695	5.5
71	MP4C	Z	2.133	5.5
72	MP4C	Mx	0	5.5
73	MP4B	X	-3.124	2.5
74	MP4B	Z	1.804	2.5
75	MP4B	Mx	-.002	2.5
76	MP4B	X	-3.124	5.5
77	MP4B	Z	1.804	5.5
78	MP4B	Mx	-.002	5.5
79	MP2A	X	-2.424	2.5
80	MP2A	Z	1.399	2.5
81	MP2A	Mx	-.001	2.5
82	MP2B	X	-2.424	2.5
83	MP2B	Z	1.399	2.5
84	MP2B	Mx	.001	2.5
85	MP2C	X	-3.217	2.5
86	MP2C	Z	1.858	2.5
87	MP2C	Mx	0	2.5
88	MP3A	X	-2.128	2.5
89	MP3A	Z	1.228	2.5
90	MP3A	Mx	-.001	2.5
91	MP3B	X	-2.128	2.5
92	MP3B	Z	1.228	2.5
93	MP3B	Mx	.001	2.5
94	MP3C	X	-3.217	2.5
95	MP3C	Z	1.858	2.5
96	MP3C	Mx	0	2.5
97	M33	X	-5.218	1
98	M33	Z	3.013	1
99	M33	Mx	0	1

Member Point Loads (BLC 36 : Antenna Wm (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.099	4.5

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2C	Z	0	4.5
3	MP2C	Mx	.000476	4.5
4	M33	X	-4.417	1
5	M33	Z	0	1
6	M33	Mx	0	1
7	MP1A	X	-1.618	3
8	MP1A	Z	0	3
9	MP1A	Mx	.000809	3
10	MP1A	X	-1.618	5
11	MP1A	Z	0	5
12	MP1A	Mx	.000809	5
13	MP1B	X	-3.928	3
14	MP1B	Z	0	3
15	MP1B	Mx	-.000982	3
16	MP1B	X	-3.928	5
17	MP1B	Z	0	5
18	MP1B	Mx	-.000982	5
19	MP1C	X	-3.928	3
20	MP1C	Z	0	3
21	MP1C	Mx	-.000982	3
22	MP1C	X	-3.928	5
23	MP1C	Z	0	5
24	MP1C	Mx	-.000982	5
25	MP2A	X	-2.792	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	.001	1.5
28	MP2A	X	-2.792	6.5
29	MP2A	Z	0	6.5
30	MP2A	Mx	.001	6.5
31	MP2B	X	-5.579	1.5
32	MP2B	Z	0	1.5
33	MP2B	Mx	.001	1.5
34	MP2B	X	-5.579	6.5
35	MP2B	Z	0	6.5
36	MP2B	Mx	.001	6.5
37	MP2C	X	-5.579	1.5
38	MP2C	Z	0	1.5
39	MP2C	Mx	-.004	1.5
40	MP2C	X	-5.579	6.5
41	MP2C	Z	0	6.5
42	MP2C	Mx	-.004	6.5
43	MP2A	X	-2.792	1.5
44	MP2A	Z	0	1.5
45	MP2A	Mx	.001	1.5
46	MP2A	X	-2.792	6.5
47	MP2A	Z	0	6.5
48	MP2A	Mx	.001	6.5
49	MP2B	X	-5.579	1.5
50	MP2B	Z	0	1.5
51	MP2B	Mx	-.004	1.5
52	MP2B	X	-5.579	6.5
53	MP2B	Z	0	6.5
54	MP2B	Mx	-.004	6.5
55	MP2C	X	-5.579	1.5
56	MP2C	Z	0	1.5
57	MP2C	Mx	.001	1.5
58	MP2C	X	-5.579	6.5
59	MP2C	Z	0	6.5
60	MP2C	Mx	.001	6.5
61	MP4A	X	-3.347	2.5
62	MP4A	Z	0	2.5
63	MP4A	Mx	.002	2.5
64	MP4A	X	-3.347	5.5

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4A	Z	0	5.5
66	MP4A	Mx	.002	5.5
67	MP4C	X	-4.037	2.5
68	MP4C	Z	0	2.5
69	MP4C	Mx	-.001	2.5
70	MP4C	X	-4.037	5.5
71	MP4C	Z	0	5.5
72	MP4C	Mx	-.001	5.5
73	MP4B	X	-4.974	2.5
74	MP4B	Z	0	2.5
75	MP4B	Mx	-.001	2.5
76	MP4B	X	-4.974	5.5
77	MP4B	Z	0	5.5
78	MP4B	Mx	-.001	5.5
79	MP2A	X	-2.493	2.5
80	MP2A	Z	0	2.5
81	MP2A	Mx	-.001	2.5
82	MP2B	X	-3.41	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	.000853	2.5
85	MP2C	X	-3.41	2.5
86	MP2C	Z	0	2.5
87	MP2C	Mx	.000853	2.5
88	MP3A	X	-2.037	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	-.001	2.5
91	MP3B	X	-3.296	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	.000824	2.5
94	MP3C	X	-3.296	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	.000824	2.5
97	M33	X	-6.79	1
98	M33	Z	0	1
99	M33	Mx	0	1

Member Point Loads (BLC 37 : Antenna Wm (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.604	4.5
2	MP2C	Z	-.349	4.5
3	MP2C	Mx	.000349	4.5
4	M33	X	-4.735	1
5	M33	Z	-2.734	1
6	M33	Mx	0	1
7	MP1A	X	-2.068	3
8	MP1A	Z	-1.194	3
9	MP1A	Mx	.001	3
10	MP1A	X	-2.068	5
11	MP1A	Z	-1.194	5
12	MP1A	Mx	.001	5
13	MP1B	X	-4.069	3
14	MP1B	Z	-2.349	3
15	MP1B	Mx	0	3
16	MP1B	X	-4.069	5
17	MP1B	Z	-2.349	5
18	MP1B	Mx	0	5
19	MP1C	X	-2.068	3
20	MP1C	Z	-1.194	3
21	MP1C	Mx	-.001	3
22	MP1C	X	-2.068	5
23	MP1C	Z	-1.194	5
24	MP1C	Mx	-.001	5

Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	-3.223	1.5
26	MP2A	Z	-1.861	1.5
27	MP2A	Mx	.000603	1.5
28	MP2A	X	-3.223	6.5
29	MP2A	Z	-1.861	6.5
30	MP2A	Mx	.000603	6.5
31	MP2B	X	-5.636	1.5
32	MP2B	Z	-3.254	1.5
33	MP2B	Mx	.004	1.5
34	MP2B	X	-5.636	6.5
35	MP2B	Z	-3.254	6.5
36	MP2B	Mx	.004	6.5
37	MP2C	X	-3.223	1.5
38	MP2C	Z	-1.861	1.5
39	MP2C	Mx	-.003	1.5
40	MP2C	X	-3.223	6.5
41	MP2C	Z	-1.861	6.5
42	MP2C	Mx	-.003	6.5
43	MP2A	X	-3.223	1.5
44	MP2A	Z	-1.861	1.5
45	MP2A	Mx	.003	1.5
46	MP2A	X	-3.223	6.5
47	MP2A	Z	-1.861	6.5
48	MP2A	Mx	.003	6.5
49	MP2B	X	-5.636	1.5
50	MP2B	Z	-3.254	1.5
51	MP2B	Mx	-.004	1.5
52	MP2B	X	-5.636	6.5
53	MP2B	Z	-3.254	6.5
54	MP2B	Mx	-.004	6.5
55	MP2C	X	-3.223	1.5
56	MP2C	Z	-1.861	1.5
57	MP2C	Mx	-.000604	1.5
58	MP2C	X	-3.223	6.5
59	MP2C	Z	-1.861	6.5
60	MP2C	Mx	-.000604	6.5
61	MP4A	X	-3.098	2.5
62	MP4A	Z	-1.788	2.5
63	MP4A	Mx	.002	2.5
64	MP4A	X	-3.098	5.5
65	MP4A	Z	-1.788	5.5
66	MP4A	Mx	.002	5.5
67	MP4C	X	-3.098	2.5
68	MP4C	Z	-1.788	2.5
69	MP4C	Mx	-.002	2.5
70	MP4C	X	-3.098	5.5
71	MP4C	Z	-1.788	5.5
72	MP4C	Mx	-.002	5.5
73	MP4B	X	-4.899	2.5
74	MP4B	Z	-2.828	2.5
75	MP4B	Mx	0	2.5
76	MP4B	X	-4.899	5.5
77	MP4B	Z	-2.828	5.5
78	MP4B	Mx	0	5.5
79	MP2A	X	-2.424	2.5
80	MP2A	Z	-1.399	2.5
81	MP2A	Mx	-.001	2.5
82	MP2B	X	-3.217	2.5
83	MP2B	Z	-1.858	2.5
84	MP2B	Mx	0	2.5
85	MP2C	X	-2.424	2.5
86	MP2C	Z	-1.399	2.5
87	MP2C	Mx	.001	2.5

Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3A	X	-2.128	2.5
89	MP3A	Z	-1.228	2.5
90	MP3A	Mx	-.001	2.5
91	MP3B	X	-3.217	2.5
92	MP3B	Z	-1.858	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	-2.128	2.5
95	MP3C	Z	-1.228	2.5
96	MP3C	Mx	.001	2.5
97	M33	X	-7.205	1
98	M33	Z	-4.16	1
99	M33	Mx	0	1

Member Point Loads (BLC 38 : Antenna Wm (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.549	4.5
2	MP2C	Z	-.952	4.5
3	MP2C	Mx	.000476	4.5
4	M33	X	-2.996	1
5	M33	Z	-5.19	1
6	M33	Mx	0	1
7	MP1A	X	-1.964	3
8	MP1A	Z	-3.402	3
9	MP1A	Mx	.000982	3
10	MP1A	X	-1.964	5
11	MP1A	Z	-3.402	5
12	MP1A	Mx	.000982	5
13	MP1B	X	-1.964	3
14	MP1B	Z	-3.402	3
15	MP1B	Mx	.000982	3
16	MP1B	X	-1.964	5
17	MP1B	Z	-3.402	5
18	MP1B	Mx	.000982	5
19	MP1C	X	-.809	3
20	MP1C	Z	-1.401	3
21	MP1C	Mx	-.000809	3
22	MP1C	X	-.809	5
23	MP1C	Z	-1.401	5
24	MP1C	Mx	-.000809	5
25	MP2A	X	-2.789	1.5
26	MP2A	Z	-4.831	1.5
27	MP2A	Mx	-.001	1.5
28	MP2A	X	-2.789	6.5
29	MP2A	Z	-4.831	6.5
30	MP2A	Mx	-.001	6.5
31	MP2B	X	-2.789	1.5
32	MP2B	Z	-4.831	1.5
33	MP2B	Mx	.004	1.5
34	MP2B	X	-2.789	6.5
35	MP2B	Z	-4.831	6.5
36	MP2B	Mx	.004	6.5
37	MP2C	X	-1.396	1.5
38	MP2C	Z	-2.418	1.5
39	MP2C	Mx	-.001	1.5
40	MP2C	X	-1.396	6.5
41	MP2C	Z	-2.418	6.5
42	MP2C	Mx	-.001	6.5
43	MP2A	X	-2.789	1.5
44	MP2A	Z	-4.831	1.5
45	MP2A	Mx	.004	1.5
46	MP2A	X	-2.789	6.5
47	MP2A	Z	-4.831	6.5

Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2A	Mx	.004	6.5
49	MP2B	X	-2.789	1.5
50	MP2B	Z	-4.831	1.5
51	MP2B	Mx	-.001	1.5
52	MP2B	X	-2.789	6.5
53	MP2B	Z	-4.831	6.5
54	MP2B	Mx	-.001	6.5
55	MP2C	X	-1.396	1.5
56	MP2C	Z	-2.418	1.5
57	MP2C	Mx	-.001	1.5
58	MP2C	X	-1.396	6.5
59	MP2C	Z	-2.418	6.5
60	MP2C	Mx	-.001	6.5
61	MP4A	X	-2.018	2.5
62	MP4A	Z	-3.496	2.5
63	MP4A	Mx	.001	2.5
64	MP4A	X	-2.018	5.5
65	MP4A	Z	-3.496	5.5
66	MP4A	Mx	.001	5.5
67	MP4C	X	-1.674	2.5
68	MP4C	Z	-2.899	2.5
69	MP4C	Mx	-.002	2.5
70	MP4C	X	-1.674	5.5
71	MP4C	Z	-2.899	5.5
72	MP4C	Mx	-.002	5.5
73	MP4B	X	-2.487	2.5
74	MP4B	Z	-4.307	2.5
75	MP4B	Mx	.001	2.5
76	MP4B	X	-2.487	5.5
77	MP4B	Z	-4.307	5.5
78	MP4B	Mx	.001	5.5
79	MP2A	X	-1.705	2.5
80	MP2A	Z	-2.953	2.5
81	MP2A	Mx	-.000853	2.5
82	MP2B	X	-1.705	2.5
83	MP2B	Z	-2.953	2.5
84	MP2B	Mx	-.000852	2.5
85	MP2C	X	-1.246	2.5
86	MP2C	Z	-2.159	2.5
87	MP2C	Mx	.001	2.5
88	MP3A	X	-1.648	2.5
89	MP3A	Z	-2.854	2.5
90	MP3A	Mx	-.000824	2.5
91	MP3B	X	-1.648	2.5
92	MP3B	Z	-2.854	2.5
93	MP3B	Mx	-.000824	2.5
94	MP3C	X	-1.019	2.5
95	MP3C	Z	-1.764	2.5
96	MP3C	Mx	.001	2.5
97	M33	X	-4.542	1
98	M33	Z	-7.867	1
99	M33	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-500	%82

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M4	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M4	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Y	-.68	4.5
2	MP2C	My	-.000294	4.5
3	MP2C	Mz	-.00017	4.5
4	M33	Y	-1.039	1
5	M33	My	0	1
6	M33	Mz	0	1
7	MP1A	Y	-1.682	3
8	MP1A	My	-.000841	3
9	MP1A	Mz	0	3
10	MP1A	Y	-1.682	5
11	MP1A	My	-.000841	5
12	MP1A	Mz	0	5
13	MP1B	Y	-1.682	3
14	MP1B	My	.00042	3
15	MP1B	Mz	-.000728	3
16	MP1B	Y	-1.682	5
17	MP1B	My	.00042	5
18	MP1B	Mz	-.000728	5
19	MP1C	Y	-1.682	3
20	MP1C	My	.00042	3
21	MP1C	Mz	.000728	3
22	MP1C	Y	-1.682	5
23	MP1C	My	.00042	5
24	MP1C	Mz	.000728	5
25	MP2A	Y	-.844	1.5
26	MP2A	My	-.000422	1.5
27	MP2A	Mz	.000457	1.5
28	MP2A	Y	-.844	6.5
29	MP2A	My	-.000422	6.5
30	MP2A	Mz	.000457	6.5
31	MP2B	Y	-.844	1.5
32	MP2B	My	-.000185	1.5
33	MP2B	Mz	-.000594	1.5
34	MP2B	Y	-.844	6.5
35	MP2B	My	-.000185	6.5
36	MP2B	Mz	-.000594	6.5
37	MP2C	Y	-.844	1.5
38	MP2C	My	.000607	1.5
39	MP2C	Mz	.000137	1.5
40	MP2C	Y	-.844	6.5
41	MP2C	My	.000607	6.5
42	MP2C	Mz	.000137	6.5
43	MP2A	Y	-.844	1.5
44	MP2A	My	-.000422	1.5
45	MP2A	Mz	-.000457	1.5
46	MP2A	Y	-.844	6.5
47	MP2A	My	-.000422	6.5
48	MP2A	Mz	-.000457	6.5
49	MP2B	Y	-.844	1.5
50	MP2B	My	.000607	1.5
51	MP2B	Mz	-.000137	1.5
52	MP2B	Y	-.844	6.5
53	MP2B	My	.000607	6.5
54	MP2B	Mz	-.000137	6.5

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP2C	Y	-.844	1.5
56	MP2C	My	-.000185	1.5
57	MP2C	Mz	.000594	1.5
58	MP2C	Y	-.844	6.5
59	MP2C	My	-.000185	6.5
60	MP2C	Mz	.000594	6.5
61	MP4A	Y	-.232	2.5
62	MP4A	My	-.000116	2.5
63	MP4A	Mz	0	2.5
64	MP4A	Y	-.232	5.5
65	MP4A	My	-.000116	5.5
66	MP4A	Mz	0	5.5
67	MP4C	Y	-.232	2.5
68	MP4C	My	5.8e-5	2.5
69	MP4C	Mz	.0001	2.5
70	MP4C	Y	-.232	5.5
71	MP4C	My	5.8e-5	5.5
72	MP4C	Mz	.0001	5.5
73	MP4B	Y	-.191	2.5
74	MP4B	My	4.8e-5	2.5
75	MP4B	Mz	-8.3e-5	2.5
76	MP4B	Y	-.191	5.5
77	MP4B	My	4.8e-5	5.5
78	MP4B	Mz	-8.3e-5	5.5
79	MP2A	Y	-3.259	2.5
80	MP2A	My	.002	2.5
81	MP2A	Mz	0	2.5
82	MP2B	Y	-3.259	2.5
83	MP2B	My	-.000815	2.5
84	MP2B	Mz	.001	2.5
85	MP2C	Y	-3.259	2.5
86	MP2C	My	-.000815	2.5
87	MP2C	Mz	-.001	2.5
88	MP3A	Y	-2.715	2.5
89	MP3A	My	.001	2.5
90	MP3A	Mz	0	2.5
91	MP3B	Y	-2.715	2.5
92	MP3B	My	-.000679	2.5
93	MP3B	Mz	.001	2.5
94	MP3C	Y	-2.715	2.5
95	MP3C	My	-.000679	2.5
96	MP3C	Mz	-.001	2.5
97	M33	Y	-1.236	1
98	M33	My	0	1
99	M33	Mz	0	1

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Z	-1.699	4.5
2	MP2C	Mx	.000425	4.5
3	M33	Z	-2.597	1
4	M33	Mx	0	1
5	MP1A	Z	-4.204	3
6	MP1A	Mx	0	3
7	MP1A	Z	-4.204	5
8	MP1A	Mx	0	5
9	MP1B	Z	-4.204	3
10	MP1B	Mx	.002	3
11	MP1B	Z	-4.204	5
12	MP1B	Mx	.002	5
13	MP1C	Z	-4.204	3
14	MP1C	Mx	-.002	3

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Z	-4.204	5
16	MP1C	Mx	-.002	5
17	MP2A	Z	-2.109	1.5
18	MP2A	Mx	-.001	1.5
19	MP2A	Z	-2.109	6.5
20	MP2A	Mx	-.001	6.5
21	MP2B	Z	-2.109	1.5
22	MP2B	Mx	.001	1.5
23	MP2B	Z	-2.109	6.5
24	MP2B	Mx	.001	6.5
25	MP2C	Z	-2.109	1.5
26	MP2C	Mx	-.000342	1.5
27	MP2C	Z	-2.109	6.5
28	MP2C	Mx	-.000342	6.5
29	MP2A	Z	-2.109	1.5
30	MP2A	Mx	.001	1.5
31	MP2A	Z	-2.109	6.5
32	MP2A	Mx	.001	6.5
33	MP2B	Z	-2.109	1.5
34	MP2B	Mx	.000342	1.5
35	MP2B	Z	-2.109	6.5
36	MP2B	Mx	.000342	6.5
37	MP2C	Z	-2.109	1.5
38	MP2C	Mx	-.001	1.5
39	MP2C	Z	-2.109	6.5
40	MP2C	Mx	-.001	6.5
41	MP4A	Z	-.579	2.5
42	MP4A	Mx	0	2.5
43	MP4A	Z	-.579	5.5
44	MP4A	Mx	0	5.5
45	MP4C	Z	-.579	2.5
46	MP4C	Mx	-.000251	2.5
47	MP4C	Z	-.579	5.5
48	MP4C	Mx	-.000251	5.5
49	MP4B	Z	-.478	2.5
50	MP4B	Mx	.000207	2.5
51	MP4B	Z	-.478	5.5
52	MP4B	Mx	.000207	5.5
53	MP2A	Z	-8.147	2.5
54	MP2A	Mx	0	2.5
55	MP2B	Z	-8.147	2.5
56	MP2B	Mx	-.004	2.5
57	MP2C	Z	-8.147	2.5
58	MP2C	Mx	.004	2.5
59	MP3A	Z	-6.786	2.5
60	MP3A	Mx	0	2.5
61	MP3B	Z	-6.786	2.5
62	MP3B	Mx	-.003	2.5
63	MP3C	Z	-6.786	2.5
64	MP3C	Mx	.003	2.5
65	M33	Z	-3.089	1
66	M33	Mx	0	1

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.699	4.5
2	MP2C	Mx	-.000736	4.5
3	M33	X	2.597	1
4	M33	Mx	0	1
5	MP1A	X	4.204	3
6	MP1A	Mx	-.002	3
7	MP1A	X	4.204	5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1A	Mx	-.002	5
9	MP1B	X	4.204	3
10	MP1B	Mx	.001	3
11	MP1B	X	4.204	5
12	MP1B	Mx	.001	5
13	MP1C	X	4.204	3
14	MP1C	Mx	.001	3
15	MP1C	X	4.204	5
16	MP1C	Mx	.001	5
17	MP2A	X	2.109	1.5
18	MP2A	Mx	-.001	1.5
19	MP2A	X	2.109	6.5
20	MP2A	Mx	-.001	6.5
21	MP2B	X	2.109	1.5
22	MP2B	Mx	-.000462	1.5
23	MP2B	X	2.109	6.5
24	MP2B	Mx	-.000462	6.5
25	MP2C	X	2.109	1.5
26	MP2C	Mx	.002	1.5
27	MP2C	X	2.109	6.5
28	MP2C	Mx	.002	6.5
29	MP2A	X	2.109	1.5
30	MP2A	Mx	-.001	1.5
31	MP2A	X	2.109	6.5
32	MP2A	Mx	-.001	6.5
33	MP2B	X	2.109	1.5
34	MP2B	Mx	.002	1.5
35	MP2B	X	2.109	6.5
36	MP2B	Mx	.002	6.5
37	MP2C	X	2.109	1.5
38	MP2C	Mx	-.000462	1.5
39	MP2C	X	2.109	6.5
40	MP2C	Mx	-.000462	6.5
41	MP4A	X	.579	2.5
42	MP4A	Mx	-.00029	2.5
43	MP4A	X	.579	5.5
44	MP4A	Mx	-.00029	5.5
45	MP4C	X	.579	2.5
46	MP4C	Mx	.000145	2.5
47	MP4C	X	.579	5.5
48	MP4C	Mx	.000145	5.5
49	MP4B	X	.478	2.5
50	MP4B	Mx	.000119	2.5
51	MP4B	X	.478	5.5
52	MP4B	Mx	.000119	5.5
53	MP2A	X	8.147	2.5
54	MP2A	Mx	.004	2.5
55	MP2B	X	8.147	2.5
56	MP2B	Mx	-.002	2.5
57	MP2C	X	8.147	2.5
58	MP2C	Mx	-.002	2.5
59	MP3A	X	6.786	2.5
60	MP3A	Mx	.003	2.5
61	MP3B	X	6.786	2.5
62	MP3B	Mx	-.002	2.5
63	MP3C	X	6.786	2.5
64	MP3C	Mx	-.002	2.5
65	M33	X	3.089	1
66	M33	Mx	0	1

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-13.993	-13.993	0	%100
2	M2	Y	-13.993	-13.993	0	%100
3	M3	Y	-13.993	-13.993	0	%100
4	M4	Y	-13.993	-13.993	0	%100
5	M5	Y	-13.993	-13.993	0	%100
6	M6	Y	-13.993	-13.993	0	%100
7	M7	Y	-13.993	-13.993	0	%100
8	M8	Y	-13.993	-13.993	0	%100
9	M9	Y	-13.993	-13.993	0	%100
10	M10	Y	-13.993	-13.993	0	%100
11	M11	Y	-13.993	-13.993	0	%100
12	M12	Y	-13.993	-13.993	0	%100
13	M13	Y	-13.993	-13.993	0	%100
14	M14	Y	-13.993	-13.993	0	%100
15	M15	Y	-11.868	-11.868	0	%100
16	M16	Y	-11.868	-11.868	0	%100
17	M17	Y	-11.868	-11.868	0	%100
18	M18	Y	-19.455	-19.455	0	%100
19	M19	Y	-19.455	-19.455	0	%100
20	M20	Y	-19.455	-19.455	0	%100
21	M21	Y	-19.455	-19.455	0	%100
22	M22	Y	-19.455	-19.455	0	%100
23	M23	Y	-19.455	-19.455	0	%100
24	M24	Y	-9.019	-9.019	0	%100
25	M25	Y	-9.019	-9.019	0	%100
26	M26	Y	-4.832	-4.832	0	%100
27	M27	Y	-4.832	-4.832	0	%100
28	M28	Y	-4.832	-4.832	0	%100
29	M29	Y	-4.832	-4.832	0	%100
30	M30	Y	-4.832	-4.832	0	%100
31	M31	Y	-4.832	-4.832	0	%100
32	M32	Y	-4.832	-4.832	0	%100
33	M33	Y	-8.106	-8.106	0	%100
34	MP1A	Y	-8.106	-8.106	0	%100
35	MP2A	Y	-8.106	-8.106	0	%100
36	MP3A	Y	-8.106	-8.106	0	%100
37	MP4A	Y	-8.106	-8.106	0	%100
38	MP1B	Y	-8.106	-8.106	0	%100
39	MP2B	Y	-8.106	-8.106	0	%100
40	MP4B	Y	-8.106	-8.106	0	%100
41	MP1C	Y	-8.106	-8.106	0	%100
42	MP2C	Y	-8.106	-8.106	0	%100
43	MP4C	Y	-8.106	-8.106	0	%100
44	MP3C	Y	-8.106	-8.106	0	%100
45	MP3B	Y	-8.106	-8.106	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-6.418	-6.418	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-6.418	-6.418	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-25.674	-25.674	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-4.794	-4.794	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-4.794	-4.794	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-19.175	-19.175	0	%100
13	M7	X	0	0	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
14	M7	Z	-6.418	-6.418	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-6.418	-6.418	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-25.674	-25.674	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-6.152	-6.152	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-6.152	-6.152	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-24.609	-24.609	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-5.497	-5.497	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-15.607	-15.607	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-6.751	-6.751	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-6.751	-6.751	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.36	-.36	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.36	-.36	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.36	-.36	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.36	-.36	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-1.438	-1.438	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-1.438	-1.438	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-12.784	-12.784	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-12.784	-12.784	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-1.904	-1.904	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-1.904	-1.904	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-1.904	-1.904	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-1.904	-1.904	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-1.904	-1.904	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-1.904	-1.904	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-1.904	-1.904	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-8.727	-8.727	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	-9.108	-9.108	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	-9.108	-9.108	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	-9.108	-9.108	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-9.108	-9.108	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-9.108	-9.108	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
77	MP2B	X	0	0	0	%100
78	MP2B	Z	-9.108	-9.108	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	-9.108	-9.108	0	%100
81	MP1C	X	0	0	0	%100
82	MP1C	Z	-9.108	-9.108	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	-9.108	-9.108	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-9.108	-9.108	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-9.108	-9.108	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-9.108	-9.108	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	9.628	9.628	0	%100
2	M1	Z	-16.676	-16.676	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	9.628	9.628	0	%100
6	M3	Z	-16.676	-16.676	0	%100
7	M4	X	7.191	7.191	0	%100
8	M4	Z	-12.455	-12.455	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	7.191	7.191	0	%100
12	M6	Z	-12.455	-12.455	0	%100
13	M7	X	9.628	9.628	0	%100
14	M7	Z	-16.676	-16.676	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	9.628	9.628	0	%100
18	M9	Z	-16.676	-16.676	0	%100
19	M10	X	9.228	9.228	0	%100
20	M10	Z	-15.984	-15.984	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	9.228	9.228	0	%100
24	M12	Z	-15.984	-15.984	0	%100
25	M13	X	8.245	8.245	0	%100
26	M13	Z	-14.28	-14.28	0	%100
27	M14	X	2.601	2.601	0	%100
28	M14	Z	-4.505	-4.505	0	%100
29	M15	X	1.125	1.125	0	%100
30	M15	Z	-1.949	-1.949	0	%100
31	M16	X	1.125	1.125	0	%100
32	M16	Z	-1.949	-1.949	0	%100
33	M17	X	4.501	4.501	0	%100
34	M17	Z	-7.796	-7.796	0	%100
35	M18	X	.539	.539	0	%100
36	M18	Z	-.934	-.934	0	%100
37	M19	X	.539	.539	0	%100
38	M19	Z	-.934	-.934	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.539	.539	0	%100
44	M22	Z	-.934	-.934	0	%100
45	M23	X	.539	.539	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
46	M23	Z	-.934	-.934	0	%100
47	M24	X	6.392	6.392	0	%100
48	M24	Z	-11.071	-11.071	0	%100
49	M25	X	6.392	6.392	0	%100
50	M25	Z	-11.071	-11.071	0	%100
51	M26	X	.317	.317	0	%100
52	M26	Z	-.55	-.55	0	%100
53	M27	X	.317	.317	0	%100
54	M27	Z	-.55	-.55	0	%100
55	M28	X	.317	.317	0	%100
56	M28	Z	-.55	-.55	0	%100
57	M29	X	.317	.317	0	%100
58	M29	Z	-.55	-.55	0	%100
59	M30	X	.317	.317	0	%100
60	M30	Z	-.55	-.55	0	%100
61	M31	X	.317	.317	0	%100
62	M31	Z	-.55	-.55	0	%100
63	M32	X	.317	.317	0	%100
64	M32	Z	-.55	-.55	0	%100
65	M33	X	4.363	4.363	0	%100
66	M33	Z	-7.557	-7.557	0	%100
67	MP1A	X	4.554	4.554	0	%100
68	MP1A	Z	-7.888	-7.888	0	%100
69	MP2A	X	4.554	4.554	0	%100
70	MP2A	Z	-7.888	-7.888	0	%100
71	MP3A	X	4.554	4.554	0	%100
72	MP3A	Z	-7.888	-7.888	0	%100
73	MP4A	X	4.554	4.554	0	%100
74	MP4A	Z	-7.888	-7.888	0	%100
75	MP1B	X	4.554	4.554	0	%100
76	MP1B	Z	-7.888	-7.888	0	%100
77	MP2B	X	4.554	4.554	0	%100
78	MP2B	Z	-7.888	-7.888	0	%100
79	MP4B	X	4.554	4.554	0	%100
80	MP4B	Z	-7.888	-7.888	0	%100
81	MP1C	X	4.554	4.554	0	%100
82	MP1C	Z	-7.888	-7.888	0	%100
83	MP2C	X	4.554	4.554	0	%100
84	MP2C	Z	-7.888	-7.888	0	%100
85	MP4C	X	4.554	4.554	0	%100
86	MP4C	Z	-7.888	-7.888	0	%100
87	MP3C	X	4.554	4.554	0	%100
88	MP3C	Z	-7.888	-7.888	0	%100
89	MP3B	X	4.554	4.554	0	%100
90	MP3B	Z	-7.888	-7.888	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	22.234	22.234	0	%100
2	M1	Z	-12.837	-12.837	0	%100
3	M2	X	5.559	5.559	0	%100
4	M2	Z	-3.209	-3.209	0	%100
5	M3	X	5.559	5.559	0	%100
6	M3	Z	-3.209	-3.209	0	%100
7	M4	X	16.606	16.606	0	%100
8	M4	Z	-9.588	-9.588	0	%100
9	M5	X	4.152	4.152	0	%100
10	M5	Z	-2.397	-2.397	0	%100
11	M6	X	4.152	4.152	0	%100
12	M6	Z	-2.397	-2.397	0	%100
13	M7	X	22.234	22.234	0	%100
14	M7	Z	-12.837	-12.837	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
15	M8	X	5.559	5.559	0	%100
16	M8	Z	-3.209	-3.209	0	%100
17	M9	X	5.559	5.559	0	%100
18	M9	Z	-3.209	-3.209	0	%100
19	M10	X	21.312	21.312	0	%100
20	M10	Z	-12.304	-12.304	0	%100
21	M11	X	5.328	5.328	0	%100
22	M11	Z	-3.076	-3.076	0	%100
23	M12	X	5.328	5.328	0	%100
24	M12	Z	-3.076	-3.076	0	%100
25	M13	X	19.04	19.04	0	%100
26	M13	Z	-10.993	-10.993	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	5.847	5.847	0	%100
30	M15	Z	-3.376	-3.376	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	5.847	5.847	0	%100
34	M17	Z	-3.376	-3.376	0	%100
35	M18	X	1.245	1.245	0	%100
36	M18	Z	-.719	-.719	0	%100
37	M19	X	1.245	1.245	0	%100
38	M19	Z	-.719	-.719	0	%100
39	M20	X	.311	.311	0	%100
40	M20	Z	-.18	-.18	0	%100
41	M21	X	.311	.311	0	%100
42	M21	Z	-.18	-.18	0	%100
43	M22	X	.311	.311	0	%100
44	M22	Z	-.18	-.18	0	%100
45	M23	X	.311	.311	0	%100
46	M23	Z	-.18	-.18	0	%100
47	M24	X	11.071	11.071	0	%100
48	M24	Z	-6.392	-6.392	0	%100
49	M25	X	11.071	11.071	0	%100
50	M25	Z	-6.392	-6.392	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	7.557	7.557	0	%100
66	M33	Z	-4.363	-4.363	0	%100
67	MP1A	X	7.888	7.888	0	%100
68	MP1A	Z	-4.554	-4.554	0	%100
69	MP2A	X	7.888	7.888	0	%100
70	MP2A	Z	-4.554	-4.554	0	%100
71	MP3A	X	7.888	7.888	0	%100
72	MP3A	Z	-4.554	-4.554	0	%100
73	MP4A	X	7.888	7.888	0	%100
74	MP4A	Z	-4.554	-4.554	0	%100
75	MP1B	X	7.888	7.888	0	%100
76	MP1B	Z	-4.554	-4.554	0	%100
77	MP2B	X	7.888	7.888	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
78	MP2B	Z	-4.554	-4.554	0	%100
79	MP4B	X	7.888	7.888	0	%100
80	MP4B	Z	-4.554	-4.554	0	%100
81	MP1C	X	7.888	7.888	0	%100
82	MP1C	Z	-4.554	-4.554	0	%100
83	MP2C	X	7.888	7.888	0	%100
84	MP2C	Z	-4.554	-4.554	0	%100
85	MP4C	X	7.888	7.888	0	%100
86	MP4C	Z	-4.554	-4.554	0	%100
87	MP3C	X	7.888	7.888	0	%100
88	MP3C	Z	-4.554	-4.554	0	%100
89	MP3B	X	7.888	7.888	0	%100
90	MP3B	Z	-4.554	-4.554	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	19.255	19.255	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	19.255	19.255	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	14.382	14.382	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	14.382	14.382	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	19.255	19.255	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	19.255	19.255	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	18.456	18.456	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	18.456	18.456	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	16.49	16.49	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	5.202	5.202	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	9.002	9.002	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	2.25	2.25	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	2.25	2.25	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	1.079	1.079	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	1.079	1.079	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	1.079	1.079	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	1.079	1.079	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
47	M24	X	12.784	12.784	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	12.784	12.784	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	.635	.635	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	.635	.635	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	.635	.635	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	.635	.635	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	.635	.635	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	.635	.635	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.635	.635	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	8.727	8.727	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	9.108	9.108	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	9.108	9.108	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	9.108	9.108	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	9.108	9.108	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	9.108	9.108	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	9.108	9.108	0	%100
78	MP2B	Z	0	0	0	%100
79	MP4B	X	9.108	9.108	0	%100
80	MP4B	Z	0	0	0	%100
81	MP1C	X	9.108	9.108	0	%100
82	MP1C	Z	0	0	0	%100
83	MP2C	X	9.108	9.108	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	9.108	9.108	0	%100
86	MP4C	Z	0	0	0	%100
87	MP3C	X	9.108	9.108	0	%100
88	MP3C	Z	0	0	0	%100
89	MP3B	X	9.108	9.108	0	%100
90	MP3B	Z	0	0	0	%100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.559	5.559	0	%100
2	M1	Z	3.209	3.209	0	%100
3	M2	X	22.234	22.234	0	%100
4	M2	Z	12.837	12.837	0	%100
5	M3	X	5.559	5.559	0	%100
6	M3	Z	3.209	3.209	0	%100
7	M4	X	4.152	4.152	0	%100
8	M4	Z	2.397	2.397	0	%100
9	M5	X	16.606	16.606	0	%100
10	M5	Z	9.588	9.588	0	%100
11	M6	X	4.152	4.152	0	%100
12	M6	Z	2.397	2.397	0	%100
13	M7	X	5.559	5.559	0	%100
14	M7	Z	3.209	3.209	0	%100
15	M8	X	22.234	22.234	0	%100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
16	M8	Z	12.837	12.837	0	%100
17	M9	X	5.559	5.559	0	%100
18	M9	Z	3.209	3.209	0	%100
19	M10	X	5.328	5.328	0	%100
20	M10	Z	3.076	3.076	0	%100
21	M11	X	21.312	21.312	0	%100
22	M11	Z	12.304	12.304	0	%100
23	M12	X	5.328	5.328	0	%100
24	M12	Z	3.076	3.076	0	%100
25	M13	X	4.76	4.76	0	%100
26	M13	Z	2.748	2.748	0	%100
27	M14	X	13.516	13.516	0	%100
28	M14	Z	7.803	7.803	0	%100
29	M15	X	5.847	5.847	0	%100
30	M15	Z	3.376	3.376	0	%100
31	M16	X	5.847	5.847	0	%100
32	M16	Z	3.376	3.376	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.311	.311	0	%100
36	M18	Z	.18	.18	0	%100
37	M19	X	.311	.311	0	%100
38	M19	Z	.18	.18	0	%100
39	M20	X	1.245	1.245	0	%100
40	M20	Z	.719	.719	0	%100
41	M21	X	1.245	1.245	0	%100
42	M21	Z	.719	.719	0	%100
43	M22	X	.311	.311	0	%100
44	M22	Z	.18	.18	0	%100
45	M23	X	.311	.311	0	%100
46	M23	Z	.18	.18	0	%100
47	M24	X	11.071	11.071	0	%100
48	M24	Z	6.392	6.392	0	%100
49	M25	X	11.071	11.071	0	%100
50	M25	Z	6.392	6.392	0	%100
51	M26	X	1.649	1.649	0	%100
52	M26	Z	.952	.952	0	%100
53	M27	X	1.649	1.649	0	%100
54	M27	Z	.952	.952	0	%100
55	M28	X	1.649	1.649	0	%100
56	M28	Z	.952	.952	0	%100
57	M29	X	1.649	1.649	0	%100
58	M29	Z	.952	.952	0	%100
59	M30	X	1.649	1.649	0	%100
60	M30	Z	.952	.952	0	%100
61	M31	X	1.649	1.649	0	%100
62	M31	Z	.952	.952	0	%100
63	M32	X	1.649	1.649	0	%100
64	M32	Z	.952	.952	0	%100
65	M33	X	7.557	7.557	0	%100
66	M33	Z	4.363	4.363	0	%100
67	MP1A	X	7.888	7.888	0	%100
68	MP1A	Z	4.554	4.554	0	%100
69	MP2A	X	7.888	7.888	0	%100
70	MP2A	Z	4.554	4.554	0	%100
71	MP3A	X	7.888	7.888	0	%100
72	MP3A	Z	4.554	4.554	0	%100
73	MP4A	X	7.888	7.888	0	%100
74	MP4A	Z	4.554	4.554	0	%100
75	MP1B	X	7.888	7.888	0	%100
76	MP1B	Z	4.554	4.554	0	%100
77	MP2B	X	7.888	7.888	0	%100
78	MP2B	Z	4.554	4.554	0	%100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
79	MP4B	X	7.888	7.888	0	%100
80	MP4B	Z	4.554	4.554	0	%100
81	MP1C	X	7.888	7.888	0	%100
82	MP1C	Z	4.554	4.554	0	%100
83	MP2C	X	7.888	7.888	0	%100
84	MP2C	Z	4.554	4.554	0	%100
85	MP4C	X	7.888	7.888	0	%100
86	MP4C	Z	4.554	4.554	0	%100
87	MP3C	X	7.888	7.888	0	%100
88	MP3C	Z	4.554	4.554	0	%100
89	MP3B	X	7.888	7.888	0	%100
90	MP3B	Z	4.554	4.554	0	%100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	9.628	9.628	0	%100
4	M2	Z	16.676	16.676	0	%100
5	M3	X	9.628	9.628	0	%100
6	M3	Z	16.676	16.676	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	7.191	7.191	0	%100
10	M5	Z	12.455	12.455	0	%100
11	M6	X	7.191	7.191	0	%100
12	M6	Z	12.455	12.455	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	9.628	9.628	0	%100
16	M8	Z	16.676	16.676	0	%100
17	M9	X	9.628	9.628	0	%100
18	M9	Z	16.676	16.676	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	9.228	9.228	0	%100
22	M11	Z	15.984	15.984	0	%100
23	M12	X	9.228	9.228	0	%100
24	M12	Z	15.984	15.984	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	10.404	10.404	0	%100
28	M14	Z	18.021	18.021	0	%100
29	M15	X	1.125	1.125	0	%100
30	M15	Z	1.949	1.949	0	%100
31	M16	X	4.501	4.501	0	%100
32	M16	Z	7.796	7.796	0	%100
33	M17	X	1.125	1.125	0	%100
34	M17	Z	1.949	1.949	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.539	.539	0	%100
40	M20	Z	.934	.934	0	%100
41	M21	X	.539	.539	0	%100
42	M21	Z	.934	.934	0	%100
43	M22	X	.539	.539	0	%100
44	M22	Z	.934	.934	0	%100
45	M23	X	.539	.539	0	%100
46	M23	Z	.934	.934	0	%100
47	M24	X	6.392	6.392	0	%100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
48	M24	Z	11.071	11.071	0	%100
49	M25	X	6.392	6.392	0	%100
50	M25	Z	11.071	11.071	0	%100
51	M26	X	1.269	1.269	0	%100
52	M26	Z	2.199	2.199	0	%100
53	M27	X	1.269	1.269	0	%100
54	M27	Z	2.199	2.199	0	%100
55	M28	X	1.269	1.269	0	%100
56	M28	Z	2.199	2.199	0	%100
57	M29	X	1.269	1.269	0	%100
58	M29	Z	2.199	2.199	0	%100
59	M30	X	1.269	1.269	0	%100
60	M30	Z	2.199	2.199	0	%100
61	M31	X	1.269	1.269	0	%100
62	M31	Z	2.199	2.199	0	%100
63	M32	X	1.269	1.269	0	%100
64	M32	Z	2.199	2.199	0	%100
65	M33	X	4.363	4.363	0	%100
66	M33	Z	7.557	7.557	0	%100
67	MP1A	X	4.554	4.554	0	%100
68	MP1A	Z	7.888	7.888	0	%100
69	MP2A	X	4.554	4.554	0	%100
70	MP2A	Z	7.888	7.888	0	%100
71	MP3A	X	4.554	4.554	0	%100
72	MP3A	Z	7.888	7.888	0	%100
73	MP4A	X	4.554	4.554	0	%100
74	MP4A	Z	7.888	7.888	0	%100
75	MP1B	X	4.554	4.554	0	%100
76	MP1B	Z	7.888	7.888	0	%100
77	MP2B	X	4.554	4.554	0	%100
78	MP2B	Z	7.888	7.888	0	%100
79	MP4B	X	4.554	4.554	0	%100
80	MP4B	Z	7.888	7.888	0	%100
81	MP1C	X	4.554	4.554	0	%100
82	MP1C	Z	7.888	7.888	0	%100
83	MP2C	X	4.554	4.554	0	%100
84	MP2C	Z	7.888	7.888	0	%100
85	MP4C	X	4.554	4.554	0	%100
86	MP4C	Z	7.888	7.888	0	%100
87	MP3C	X	4.554	4.554	0	%100
88	MP3C	Z	7.888	7.888	0	%100
89	MP3B	X	4.554	4.554	0	%100
90	MP3B	Z	7.888	7.888	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	6.418	6.418	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	6.418	6.418	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	25.674	25.674	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	4.794	4.794	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	4.794	4.794	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	19.175	19.175	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	6.418	6.418	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	6.418	6.418	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
17	M9	X	0	0	0	%100
18	M9	Z	25.674	25.674	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	6.152	6.152	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	6.152	6.152	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	24.609	24.609	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	5.497	5.497	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	15.607	15.607	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	6.751	6.751	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	6.751	6.751	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.36	.36	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.36	.36	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.36	.36	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.36	.36	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	1.438	1.438	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	1.438	1.438	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	12.784	12.784	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	12.784	12.784	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	1.904	1.904	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	1.904	1.904	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	1.904	1.904	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	1.904	1.904	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	1.904	1.904	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	1.904	1.904	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	1.904	1.904	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	8.727	8.727	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	9.108	9.108	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	9.108	9.108	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	9.108	9.108	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	9.108	9.108	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	9.108	9.108	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	9.108	9.108	0	%100
79	MP4B	X	0	0	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
80	MP4B	Z	9.108	9.108	0	%100
81	MP1C	X	0	0	0	%100
82	MP1C	Z	9.108	9.108	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	9.108	9.108	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	9.108	9.108	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	9.108	9.108	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	9.108	9.108	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-9.628	-9.628	0	%100
2	M1	Z	16.676	16.676	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-9.628	-9.628	0	%100
6	M3	Z	16.676	16.676	0	%100
7	M4	X	-7.191	-7.191	0	%100
8	M4	Z	12.455	12.455	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-7.191	-7.191	0	%100
12	M6	Z	12.455	12.455	0	%100
13	M7	X	-9.628	-9.628	0	%100
14	M7	Z	16.676	16.676	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-9.628	-9.628	0	%100
18	M9	Z	16.676	16.676	0	%100
19	M10	X	-9.228	-9.228	0	%100
20	M10	Z	15.984	15.984	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-9.228	-9.228	0	%100
24	M12	Z	15.984	15.984	0	%100
25	M13	X	-8.245	-8.245	0	%100
26	M13	Z	14.28	14.28	0	%100
27	M14	X	-2.601	-2.601	0	%100
28	M14	Z	4.505	4.505	0	%100
29	M15	X	-1.125	-1.125	0	%100
30	M15	Z	1.949	1.949	0	%100
31	M16	X	-1.125	-1.125	0	%100
32	M16	Z	1.949	1.949	0	%100
33	M17	X	-4.501	-4.501	0	%100
34	M17	Z	7.796	7.796	0	%100
35	M18	X	-.539	-.539	0	%100
36	M18	Z	.934	.934	0	%100
37	M19	X	-.539	-.539	0	%100
38	M19	Z	.934	.934	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.539	-.539	0	%100
44	M22	Z	.934	.934	0	%100
45	M23	X	-.539	-.539	0	%100
46	M23	Z	.934	.934	0	%100
47	M24	X	-6.392	-6.392	0	%100
48	M24	Z	11.071	11.071	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
49	M25	X	-6.392	-6.392	0	%100
50	M25	Z	11.071	11.071	0	%100
51	M26	X	-.317	-.317	0	%100
52	M26	Z	.55	.55	0	%100
53	M27	X	-.317	-.317	0	%100
54	M27	Z	.55	.55	0	%100
55	M28	X	-.317	-.317	0	%100
56	M28	Z	.55	.55	0	%100
57	M29	X	-.317	-.317	0	%100
58	M29	Z	.55	.55	0	%100
59	M30	X	-.317	-.317	0	%100
60	M30	Z	.55	.55	0	%100
61	M31	X	-.317	-.317	0	%100
62	M31	Z	.55	.55	0	%100
63	M32	X	-.317	-.317	0	%100
64	M32	Z	.55	.55	0	%100
65	M33	X	-4.363	-4.363	0	%100
66	M33	Z	7.557	7.557	0	%100
67	MP1A	X	-4.554	-4.554	0	%100
68	MP1A	Z	7.888	7.888	0	%100
69	MP2A	X	-4.554	-4.554	0	%100
70	MP2A	Z	7.888	7.888	0	%100
71	MP3A	X	-4.554	-4.554	0	%100
72	MP3A	Z	7.888	7.888	0	%100
73	MP4A	X	-4.554	-4.554	0	%100
74	MP4A	Z	7.888	7.888	0	%100
75	MP1B	X	-4.554	-4.554	0	%100
76	MP1B	Z	7.888	7.888	0	%100
77	MP2B	X	-4.554	-4.554	0	%100
78	MP2B	Z	7.888	7.888	0	%100
79	MP4B	X	-4.554	-4.554	0	%100
80	MP4B	Z	7.888	7.888	0	%100
81	MP1C	X	-4.554	-4.554	0	%100
82	MP1C	Z	7.888	7.888	0	%100
83	MP2C	X	-4.554	-4.554	0	%100
84	MP2C	Z	7.888	7.888	0	%100
85	MP4C	X	-4.554	-4.554	0	%100
86	MP4C	Z	7.888	7.888	0	%100
87	MP3C	X	-4.554	-4.554	0	%100
88	MP3C	Z	7.888	7.888	0	%100
89	MP3B	X	-4.554	-4.554	0	%100
90	MP3B	Z	7.888	7.888	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-22.234	-22.234	0	%100
2	M1	Z	12.837	12.837	0	%100
3	M2	X	-5.559	-5.559	0	%100
4	M2	Z	3.209	3.209	0	%100
5	M3	X	-5.559	-5.559	0	%100
6	M3	Z	3.209	3.209	0	%100
7	M4	X	-16.606	-16.606	0	%100
8	M4	Z	9.588	9.588	0	%100
9	M5	X	-4.152	-4.152	0	%100
10	M5	Z	2.397	2.397	0	%100
11	M6	X	-4.152	-4.152	0	%100
12	M6	Z	2.397	2.397	0	%100
13	M7	X	-22.234	-22.234	0	%100
14	M7	Z	12.837	12.837	0	%100
15	M8	X	-5.559	-5.559	0	%100
16	M8	Z	3.209	3.209	0	%100
17	M9	X	-5.559	-5.559	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	3.209	3.209	0	%100
19	M10	X	-21.312	-21.312	0	%100
20	M10	Z	12.304	12.304	0	%100
21	M11	X	-5.328	-5.328	0	%100
22	M11	Z	3.076	3.076	0	%100
23	M12	X	-5.328	-5.328	0	%100
24	M12	Z	3.076	3.076	0	%100
25	M13	X	-19.04	-19.04	0	%100
26	M13	Z	10.993	10.993	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-5.847	-5.847	0	%100
30	M15	Z	3.376	3.376	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-5.847	-5.847	0	%100
34	M17	Z	3.376	3.376	0	%100
35	M18	X	-1.245	-1.245	0	%100
36	M18	Z	.719	.719	0	%100
37	M19	X	-1.245	-1.245	0	%100
38	M19	Z	.719	.719	0	%100
39	M20	X	-.311	-.311	0	%100
40	M20	Z	.18	.18	0	%100
41	M21	X	-.311	-.311	0	%100
42	M21	Z	.18	.18	0	%100
43	M22	X	-.311	-.311	0	%100
44	M22	Z	.18	.18	0	%100
45	M23	X	-.311	-.311	0	%100
46	M23	Z	.18	.18	0	%100
47	M24	X	-11.071	-11.071	0	%100
48	M24	Z	6.392	6.392	0	%100
49	M25	X	-11.071	-11.071	0	%100
50	M25	Z	6.392	6.392	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-7.557	-7.557	0	%100
66	M33	Z	4.363	4.363	0	%100
67	MP1A	X	-7.888	-7.888	0	%100
68	MP1A	Z	4.554	4.554	0	%100
69	MP2A	X	-7.888	-7.888	0	%100
70	MP2A	Z	4.554	4.554	0	%100
71	MP3A	X	-7.888	-7.888	0	%100
72	MP3A	Z	4.554	4.554	0	%100
73	MP4A	X	-7.888	-7.888	0	%100
74	MP4A	Z	4.554	4.554	0	%100
75	MP1B	X	-7.888	-7.888	0	%100
76	MP1B	Z	4.554	4.554	0	%100
77	MP2B	X	-7.888	-7.888	0	%100
78	MP2B	Z	4.554	4.554	0	%100
79	MP4B	X	-7.888	-7.888	0	%100
80	MP4B	Z	4.554	4.554	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
81	MP1C	X	-7.888	-7.888	0	%100
82	MP1C	Z	4.554	4.554	0	%100
83	MP2C	X	-7.888	-7.888	0	%100
84	MP2C	Z	4.554	4.554	0	%100
85	MP4C	X	-7.888	-7.888	0	%100
86	MP4C	Z	4.554	4.554	0	%100
87	MP3C	X	-7.888	-7.888	0	%100
88	MP3C	Z	4.554	4.554	0	%100
89	MP3B	X	-7.888	-7.888	0	%100
90	MP3B	Z	4.554	4.554	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-19.255	-19.255	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-19.255	-19.255	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-14.382	-14.382	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-14.382	-14.382	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-19.255	-19.255	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-19.255	-19.255	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-18.456	-18.456	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-18.456	-18.456	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-16.49	-16.49	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-5.202	-5.202	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-9.002	-9.002	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-2.25	-2.25	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-2.25	-2.25	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-1.079	-1.079	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-1.079	-1.079	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-1.079	-1.079	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-1.079	-1.079	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-12.784	-12.784	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-12.784	-12.784	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
50	M25	Z	0	0	0	%100
51	M26	X	-.635	-.635	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-.635	-.635	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-.635	-.635	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-.635	-.635	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-.635	-.635	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-.635	-.635	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-.635	-.635	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-8.727	-8.727	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-9.108	-9.108	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	-9.108	-9.108	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	-9.108	-9.108	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	-9.108	-9.108	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	-9.108	-9.108	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	-9.108	-9.108	0	%100
78	MP2B	Z	0	0	0	%100
79	MP4B	X	-9.108	-9.108	0	%100
80	MP4B	Z	0	0	0	%100
81	MP1C	X	-9.108	-9.108	0	%100
82	MP1C	Z	0	0	0	%100
83	MP2C	X	-9.108	-9.108	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	-9.108	-9.108	0	%100
86	MP4C	Z	0	0	0	%100
87	MP3C	X	-9.108	-9.108	0	%100
88	MP3C	Z	0	0	0	%100
89	MP3B	X	-9.108	-9.108	0	%100
90	MP3B	Z	0	0	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.559	-5.559	0	%100
2	M1	Z	-3.209	-3.209	0	%100
3	M2	X	-22.234	-22.234	0	%100
4	M2	Z	-12.837	-12.837	0	%100
5	M3	X	-5.559	-5.559	0	%100
6	M3	Z	-3.209	-3.209	0	%100
7	M4	X	-4.152	-4.152	0	%100
8	M4	Z	-2.397	-2.397	0	%100
9	M5	X	-16.606	-16.606	0	%100
10	M5	Z	-9.588	-9.588	0	%100
11	M6	X	-4.152	-4.152	0	%100
12	M6	Z	-2.397	-2.397	0	%100
13	M7	X	-5.559	-5.559	0	%100
14	M7	Z	-3.209	-3.209	0	%100
15	M8	X	-22.234	-22.234	0	%100
16	M8	Z	-12.837	-12.837	0	%100
17	M9	X	-5.559	-5.559	0	%100
18	M9	Z	-3.209	-3.209	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
19	M10	X	-5.328	-5.328	0	%100
20	M10	Z	-3.076	-3.076	0	%100
21	M11	X	-21.312	-21.312	0	%100
22	M11	Z	-12.304	-12.304	0	%100
23	M12	X	-5.328	-5.328	0	%100
24	M12	Z	-3.076	-3.076	0	%100
25	M13	X	-4.76	-4.76	0	%100
26	M13	Z	-2.748	-2.748	0	%100
27	M14	X	-13.516	-13.516	0	%100
28	M14	Z	-7.803	-7.803	0	%100
29	M15	X	-5.847	-5.847	0	%100
30	M15	Z	-3.376	-3.376	0	%100
31	M16	X	-5.847	-5.847	0	%100
32	M16	Z	-3.376	-3.376	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.311	-.311	0	%100
36	M18	Z	-.18	-.18	0	%100
37	M19	X	-.311	-.311	0	%100
38	M19	Z	-.18	-.18	0	%100
39	M20	X	-1.245	-1.245	0	%100
40	M20	Z	-.719	-.719	0	%100
41	M21	X	-1.245	-1.245	0	%100
42	M21	Z	-.719	-.719	0	%100
43	M22	X	-.311	-.311	0	%100
44	M22	Z	-.18	-.18	0	%100
45	M23	X	-.311	-.311	0	%100
46	M23	Z	-.18	-.18	0	%100
47	M24	X	-11.071	-11.071	0	%100
48	M24	Z	-6.392	-6.392	0	%100
49	M25	X	-11.071	-11.071	0	%100
50	M25	Z	-6.392	-6.392	0	%100
51	M26	X	-1.649	-1.649	0	%100
52	M26	Z	-.952	-.952	0	%100
53	M27	X	-1.649	-1.649	0	%100
54	M27	Z	-.952	-.952	0	%100
55	M28	X	-1.649	-1.649	0	%100
56	M28	Z	-.952	-.952	0	%100
57	M29	X	-1.649	-1.649	0	%100
58	M29	Z	-.952	-.952	0	%100
59	M30	X	-1.649	-1.649	0	%100
60	M30	Z	-.952	-.952	0	%100
61	M31	X	-1.649	-1.649	0	%100
62	M31	Z	-.952	-.952	0	%100
63	M32	X	-1.649	-1.649	0	%100
64	M32	Z	-.952	-.952	0	%100
65	M33	X	-7.557	-7.557	0	%100
66	M33	Z	-4.363	-4.363	0	%100
67	MP1A	X	-7.888	-7.888	0	%100
68	MP1A	Z	-4.554	-4.554	0	%100
69	MP2A	X	-7.888	-7.888	0	%100
70	MP2A	Z	-4.554	-4.554	0	%100
71	MP3A	X	-7.888	-7.888	0	%100
72	MP3A	Z	-4.554	-4.554	0	%100
73	MP4A	X	-7.888	-7.888	0	%100
74	MP4A	Z	-4.554	-4.554	0	%100
75	MP1B	X	-7.888	-7.888	0	%100
76	MP1B	Z	-4.554	-4.554	0	%100
77	MP2B	X	-7.888	-7.888	0	%100
78	MP2B	Z	-4.554	-4.554	0	%100
79	MP4B	X	-7.888	-7.888	0	%100
80	MP4B	Z	-4.554	-4.554	0	%100
81	MP1C	X	-7.888	-7.888	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
82	MP1C	Z	-4.554	-4.554	0	%100
83	MP2C	X	-7.888	-7.888	0	%100
84	MP2C	Z	-4.554	-4.554	0	%100
85	MP4C	X	-7.888	-7.888	0	%100
86	MP4C	Z	-4.554	-4.554	0	%100
87	MP3C	X	-7.888	-7.888	0	%100
88	MP3C	Z	-4.554	-4.554	0	%100
89	MP3B	X	-7.888	-7.888	0	%100
90	MP3B	Z	-4.554	-4.554	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-9.628	-9.628	0	%100
4	M2	Z	-16.676	-16.676	0	%100
5	M3	X	-9.628	-9.628	0	%100
6	M3	Z	-16.676	-16.676	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-7.191	-7.191	0	%100
10	M5	Z	-12.455	-12.455	0	%100
11	M6	X	-7.191	-7.191	0	%100
12	M6	Z	-12.455	-12.455	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-9.628	-9.628	0	%100
16	M8	Z	-16.676	-16.676	0	%100
17	M9	X	-9.628	-9.628	0	%100
18	M9	Z	-16.676	-16.676	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-9.228	-9.228	0	%100
22	M11	Z	-15.984	-15.984	0	%100
23	M12	X	-9.228	-9.228	0	%100
24	M12	Z	-15.984	-15.984	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-10.404	-10.404	0	%100
28	M14	Z	-18.021	-18.021	0	%100
29	M15	X	-1.125	-1.125	0	%100
30	M15	Z	-1.949	-1.949	0	%100
31	M16	X	-4.501	-4.501	0	%100
32	M16	Z	-7.796	-7.796	0	%100
33	M17	X	-1.125	-1.125	0	%100
34	M17	Z	-1.949	-1.949	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.539	-.539	0	%100
40	M20	Z	-.934	-.934	0	%100
41	M21	X	-.539	-.539	0	%100
42	M21	Z	-.934	-.934	0	%100
43	M22	X	-.539	-.539	0	%100
44	M22	Z	-.934	-.934	0	%100
45	M23	X	-.539	-.539	0	%100
46	M23	Z	-.934	-.934	0	%100
47	M24	X	-6.392	-6.392	0	%100
48	M24	Z	-11.071	-11.071	0	%100
49	M25	X	-6.392	-6.392	0	%100
50	M25	Z	-11.071	-11.071	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
51	M26	X	-1.269	-1.269	0	%100
52	M26	Z	-2.199	-2.199	0	%100
53	M27	X	-1.269	-1.269	0	%100
54	M27	Z	-2.199	-2.199	0	%100
55	M28	X	-1.269	-1.269	0	%100
56	M28	Z	-2.199	-2.199	0	%100
57	M29	X	-1.269	-1.269	0	%100
58	M29	Z	-2.199	-2.199	0	%100
59	M30	X	-1.269	-1.269	0	%100
60	M30	Z	-2.199	-2.199	0	%100
61	M31	X	-1.269	-1.269	0	%100
62	M31	Z	-2.199	-2.199	0	%100
63	M32	X	-1.269	-1.269	0	%100
64	M32	Z	-2.199	-2.199	0	%100
65	M33	X	-4.363	-4.363	0	%100
66	M33	Z	-7.557	-7.557	0	%100
67	MP1A	X	-4.554	-4.554	0	%100
68	MP1A	Z	-7.888	-7.888	0	%100
69	MP2A	X	-4.554	-4.554	0	%100
70	MP2A	Z	-7.888	-7.888	0	%100
71	MP3A	X	-4.554	-4.554	0	%100
72	MP3A	Z	-7.888	-7.888	0	%100
73	MP4A	X	-4.554	-4.554	0	%100
74	MP4A	Z	-7.888	-7.888	0	%100
75	MP1B	X	-4.554	-4.554	0	%100
76	MP1B	Z	-7.888	-7.888	0	%100
77	MP2B	X	-4.554	-4.554	0	%100
78	MP2B	Z	-7.888	-7.888	0	%100
79	MP4B	X	-4.554	-4.554	0	%100
80	MP4B	Z	-7.888	-7.888	0	%100
81	MP1C	X	-4.554	-4.554	0	%100
82	MP1C	Z	-7.888	-7.888	0	%100
83	MP2C	X	-4.554	-4.554	0	%100
84	MP2C	Z	-7.888	-7.888	0	%100
85	MP4C	X	-4.554	-4.554	0	%100
86	MP4C	Z	-7.888	-7.888	0	%100
87	MP3C	X	-4.554	-4.554	0	%100
88	MP3C	Z	-7.888	-7.888	0	%100
89	MP3B	X	-4.554	-4.554	0	%100
90	MP3B	Z	-7.888	-7.888	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.613	-1.613	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.613	-1.613	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-6.45	-6.45	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.164	-1.164	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.164	-1.164	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-4.656	-4.656	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.613	-1.613	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.613	-1.613	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-6.45	-6.45	0	%100
19	M10	X	0	0	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
20	M10	Z	-1.535	-1.535	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-1.535	-1.535	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-6.142	-6.142	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-1.349	-1.349	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-3.816	-3.816	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-2.306	-2.306	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-2.306	-2.306	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.388	-.388	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.388	-.388	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.388	-.388	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.388	-.388	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-1.552	-1.552	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-1.552	-1.552	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-4.415	-4.415	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-4.415	-4.415	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-1.344	-1.344	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-1.344	-1.344	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-1.344	-1.344	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-1.344	-1.344	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-1.344	-1.344	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-1.344	-1.344	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-1.344	-1.344	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-3.36	-3.36	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	-3.777	-3.777	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	-3.777	-3.777	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	-3.777	-3.777	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-3.777	-3.777	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-3.777	-3.777	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	-3.777	-3.777	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	-3.777	-3.777	0	%100
81	MP1C	X	0	0	0	%100
82	MP1C	Z	-3.777	-3.777	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
83	MP2C	X	0	0	0	%100
84	MP2C	Z	-3.777	-3.777	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-3.777	-3.777	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-3.777	-3.777	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-3.777	-3.777	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.419	2.419	0	%100
2	M1	Z	-4.19	-4.19	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	2.419	2.419	0	%100
6	M3	Z	-4.19	-4.19	0	%100
7	M4	X	1.746	1.746	0	%100
8	M4	Z	-3.024	-3.024	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.746	1.746	0	%100
12	M6	Z	-3.024	-3.024	0	%100
13	M7	X	2.419	2.419	0	%100
14	M7	Z	-4.19	-4.19	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.419	2.419	0	%100
18	M9	Z	-4.19	-4.19	0	%100
19	M10	X	2.303	2.303	0	%100
20	M10	Z	-3.989	-3.989	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	2.303	2.303	0	%100
24	M12	Z	-3.989	-3.989	0	%100
25	M13	X	2.023	2.023	0	%100
26	M13	Z	-3.504	-3.504	0	%100
27	M14	X	.636	.636	0	%100
28	M14	Z	-1.102	-1.102	0	%100
29	M15	X	.384	.384	0	%100
30	M15	Z	-.666	-.666	0	%100
31	M16	X	.384	.384	0	%100
32	M16	Z	-.666	-.666	0	%100
33	M17	X	1.537	1.537	0	%100
34	M17	Z	-2.663	-2.663	0	%100
35	M18	X	.582	.582	0	%100
36	M18	Z	-1.008	-1.008	0	%100
37	M19	X	.582	.582	0	%100
38	M19	Z	-1.008	-1.008	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.582	.582	0	%100
44	M22	Z	-1.008	-1.008	0	%100
45	M23	X	.582	.582	0	%100
46	M23	Z	-1.008	-1.008	0	%100
47	M24	X	2.208	2.208	0	%100
48	M24	Z	-3.824	-3.824	0	%100
49	M25	X	2.208	2.208	0	%100
50	M25	Z	-3.824	-3.824	0	%100
51	M26	X	.224	.224	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
52	M26	Z	-.388	-.388	0	%100
53	M27	X	.224	.224	0	%100
54	M27	Z	-.388	-.388	0	%100
55	M28	X	.224	.224	0	%100
56	M28	Z	-.388	-.388	0	%100
57	M29	X	.224	.224	0	%100
58	M29	Z	-.388	-.388	0	%100
59	M30	X	.224	.224	0	%100
60	M30	Z	-.388	-.388	0	%100
61	M31	X	.224	.224	0	%100
62	M31	Z	-.388	-.388	0	%100
63	M32	X	.224	.224	0	%100
64	M32	Z	-.388	-.388	0	%100
65	M33	X	1.68	1.68	0	%100
66	M33	Z	-2.91	-2.91	0	%100
67	MP1A	X	1.888	1.888	0	%100
68	MP1A	Z	-3.271	-3.271	0	%100
69	MP2A	X	1.888	1.888	0	%100
70	MP2A	Z	-3.271	-3.271	0	%100
71	MP3A	X	1.888	1.888	0	%100
72	MP3A	Z	-3.271	-3.271	0	%100
73	MP4A	X	1.888	1.888	0	%100
74	MP4A	Z	-3.271	-3.271	0	%100
75	MP1B	X	1.888	1.888	0	%100
76	MP1B	Z	-3.271	-3.271	0	%100
77	MP2B	X	1.888	1.888	0	%100
78	MP2B	Z	-3.271	-3.271	0	%100
79	MP4B	X	1.888	1.888	0	%100
80	MP4B	Z	-3.271	-3.271	0	%100
81	MP1C	X	1.888	1.888	0	%100
82	MP1C	Z	-3.271	-3.271	0	%100
83	MP2C	X	1.888	1.888	0	%100
84	MP2C	Z	-3.271	-3.271	0	%100
85	MP4C	X	1.888	1.888	0	%100
86	MP4C	Z	-3.271	-3.271	0	%100
87	MP3C	X	1.888	1.888	0	%100
88	MP3C	Z	-3.271	-3.271	0	%100
89	MP3B	X	1.888	1.888	0	%100
90	MP3B	Z	-3.271	-3.271	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.586	5.586	0	%100
2	M1	Z	-3.225	-3.225	0	%100
3	M2	X	1.397	1.397	0	%100
4	M2	Z	-.806	-.806	0	%100
5	M3	X	1.397	1.397	0	%100
6	M3	Z	-.806	-.806	0	%100
7	M4	X	4.032	4.032	0	%100
8	M4	Z	-2.328	-2.328	0	%100
9	M5	X	1.008	1.008	0	%100
10	M5	Z	-.582	-.582	0	%100
11	M6	X	1.008	1.008	0	%100
12	M6	Z	-.582	-.582	0	%100
13	M7	X	5.586	5.586	0	%100
14	M7	Z	-3.225	-3.225	0	%100
15	M8	X	1.397	1.397	0	%100
16	M8	Z	-.806	-.806	0	%100
17	M9	X	1.397	1.397	0	%100
18	M9	Z	-.806	-.806	0	%100
19	M10	X	5.319	5.319	0	%100
20	M10	Z	-3.071	-3.071	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
21	M11	X	1.33	1.33	0	%100
22	M11	Z	-.768	-.768	0	%100
23	M12	X	1.33	1.33	0	%100
24	M12	Z	-.768	-.768	0	%100
25	M13	X	4.672	4.672	0	%100
26	M13	Z	-2.697	-2.697	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	1.997	1.997	0	%100
30	M15	Z	-1.153	-1.153	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	1.997	1.997	0	%100
34	M17	Z	-1.153	-1.153	0	%100
35	M18	X	1.344	1.344	0	%100
36	M18	Z	-.776	-.776	0	%100
37	M19	X	1.344	1.344	0	%100
38	M19	Z	-.776	-.776	0	%100
39	M20	X	.336	.336	0	%100
40	M20	Z	-.194	-.194	0	%100
41	M21	X	.336	.336	0	%100
42	M21	Z	-.194	-.194	0	%100
43	M22	X	.336	.336	0	%100
44	M22	Z	-.194	-.194	0	%100
45	M23	X	.336	.336	0	%100
46	M23	Z	-.194	-.194	0	%100
47	M24	X	3.824	3.824	0	%100
48	M24	Z	-2.208	-2.208	0	%100
49	M25	X	3.824	3.824	0	%100
50	M25	Z	-2.208	-2.208	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	2.91	2.91	0	%100
66	M33	Z	-1.68	-1.68	0	%100
67	MP1A	X	3.271	3.271	0	%100
68	MP1A	Z	-1.888	-1.888	0	%100
69	MP2A	X	3.271	3.271	0	%100
70	MP2A	Z	-1.888	-1.888	0	%100
71	MP3A	X	3.271	3.271	0	%100
72	MP3A	Z	-1.888	-1.888	0	%100
73	MP4A	X	3.271	3.271	0	%100
74	MP4A	Z	-1.888	-1.888	0	%100
75	MP1B	X	3.271	3.271	0	%100
76	MP1B	Z	-1.888	-1.888	0	%100
77	MP2B	X	3.271	3.271	0	%100
78	MP2B	Z	-1.888	-1.888	0	%100
79	MP4B	X	3.271	3.271	0	%100
80	MP4B	Z	-1.888	-1.888	0	%100
81	MP1C	X	3.271	3.271	0	%100
82	MP1C	Z	-1.888	-1.888	0	%100
83	MP2C	X	3.271	3.271	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
84	MP2C	Z	-1.888	-1.888	0	%100
85	MP4C	X	3.271	3.271	0	%100
86	MP4C	Z	-1.888	-1.888	0	%100
87	MP3C	X	3.271	3.271	0	%100
88	MP3C	Z	-1.888	-1.888	0	%100
89	MP3B	X	3.271	3.271	0	%100
90	MP3B	Z	-1.888	-1.888	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.838	4.838	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	4.838	4.838	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	3.492	3.492	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	3.492	3.492	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	4.838	4.838	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	4.838	4.838	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	4.606	4.606	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	4.606	4.606	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	4.046	4.046	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	1.272	1.272	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	3.075	3.075	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.769	.769	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	.769	.769	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	1.164	1.164	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	1.164	1.164	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	1.164	1.164	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	1.164	1.164	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	4.415	4.415	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	4.415	4.415	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	.448	.448	0	%100
52	M26	Z	0	0	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
53	M27	X	.448	.448	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	.448	.448	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	.448	.448	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	.448	.448	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	.448	.448	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.448	.448	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	3.36	3.36	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	3.777	3.777	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	3.777	3.777	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	3.777	3.777	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	3.777	3.777	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	3.777	3.777	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	3.777	3.777	0	%100
78	MP2B	Z	0	0	0	%100
79	MP4B	X	3.777	3.777	0	%100
80	MP4B	Z	0	0	0	%100
81	MP1C	X	3.777	3.777	0	%100
82	MP1C	Z	0	0	0	%100
83	MP2C	X	3.777	3.777	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	3.777	3.777	0	%100
86	MP4C	Z	0	0	0	%100
87	MP3C	X	3.777	3.777	0	%100
88	MP3C	Z	0	0	0	%100
89	MP3B	X	3.777	3.777	0	%100
90	MP3B	Z	0	0	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.397	1.397	0	%100
2	M1	Z	.806	.806	0	%100
3	M2	X	5.586	5.586	0	%100
4	M2	Z	3.225	3.225	0	%100
5	M3	X	1.397	1.397	0	%100
6	M3	Z	.806	.806	0	%100
7	M4	X	1.008	1.008	0	%100
8	M4	Z	.582	.582	0	%100
9	M5	X	4.032	4.032	0	%100
10	M5	Z	2.328	2.328	0	%100
11	M6	X	1.008	1.008	0	%100
12	M6	Z	.582	.582	0	%100
13	M7	X	1.397	1.397	0	%100
14	M7	Z	.806	.806	0	%100
15	M8	X	5.586	5.586	0	%100
16	M8	Z	3.225	3.225	0	%100
17	M9	X	1.397	1.397	0	%100
18	M9	Z	.806	.806	0	%100
19	M10	X	1.33	1.33	0	%100
20	M10	Z	.768	.768	0	%100
21	M11	X	5.319	5.319	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
22	M11	Z	3.071	3.071	0	%100
23	M12	X	1.33	1.33	0	%100
24	M12	Z	.768	.768	0	%100
25	M13	X	1.168	1.168	0	%100
26	M13	Z	.674	.674	0	%100
27	M14	X	3.305	3.305	0	%100
28	M14	Z	1.908	1.908	0	%100
29	M15	X	1.997	1.997	0	%100
30	M15	Z	1.153	1.153	0	%100
31	M16	X	1.997	1.997	0	%100
32	M16	Z	1.153	1.153	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.336	.336	0	%100
36	M18	Z	.194	.194	0	%100
37	M19	X	.336	.336	0	%100
38	M19	Z	.194	.194	0	%100
39	M20	X	1.344	1.344	0	%100
40	M20	Z	.776	.776	0	%100
41	M21	X	1.344	1.344	0	%100
42	M21	Z	.776	.776	0	%100
43	M22	X	.336	.336	0	%100
44	M22	Z	.194	.194	0	%100
45	M23	X	.336	.336	0	%100
46	M23	Z	.194	.194	0	%100
47	M24	X	3.824	3.824	0	%100
48	M24	Z	2.208	2.208	0	%100
49	M25	X	3.824	3.824	0	%100
50	M25	Z	2.208	2.208	0	%100
51	M26	X	1.164	1.164	0	%100
52	M26	Z	.672	.672	0	%100
53	M27	X	1.164	1.164	0	%100
54	M27	Z	.672	.672	0	%100
55	M28	X	1.164	1.164	0	%100
56	M28	Z	.672	.672	0	%100
57	M29	X	1.164	1.164	0	%100
58	M29	Z	.672	.672	0	%100
59	M30	X	1.164	1.164	0	%100
60	M30	Z	.672	.672	0	%100
61	M31	X	1.164	1.164	0	%100
62	M31	Z	.672	.672	0	%100
63	M32	X	1.164	1.164	0	%100
64	M32	Z	.672	.672	0	%100
65	M33	X	2.91	2.91	0	%100
66	M33	Z	1.68	1.68	0	%100
67	MP1A	X	3.271	3.271	0	%100
68	MP1A	Z	1.888	1.888	0	%100
69	MP2A	X	3.271	3.271	0	%100
70	MP2A	Z	1.888	1.888	0	%100
71	MP3A	X	3.271	3.271	0	%100
72	MP3A	Z	1.888	1.888	0	%100
73	MP4A	X	3.271	3.271	0	%100
74	MP4A	Z	1.888	1.888	0	%100
75	MP1B	X	3.271	3.271	0	%100
76	MP1B	Z	1.888	1.888	0	%100
77	MP2B	X	3.271	3.271	0	%100
78	MP2B	Z	1.888	1.888	0	%100
79	MP4B	X	3.271	3.271	0	%100
80	MP4B	Z	1.888	1.888	0	%100
81	MP1C	X	3.271	3.271	0	%100
82	MP1C	Z	1.888	1.888	0	%100
83	MP2C	X	3.271	3.271	0	%100
84	MP2C	Z	1.888	1.888	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
85	MP4C	X	3.271	3.271	0	%100
86	MP4C	Z	1.888	1.888	0	%100
87	MP3C	X	3.271	3.271	0	%100
88	MP3C	Z	1.888	1.888	0	%100
89	MP3B	X	3.271	3.271	0	%100
90	MP3B	Z	1.888	1.888	0	%100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	2.419	2.419	0	%100
4	M2	Z	4.19	4.19	0	%100
5	M3	X	2.419	2.419	0	%100
6	M3	Z	4.19	4.19	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.746	1.746	0	%100
10	M5	Z	3.024	3.024	0	%100
11	M6	X	1.746	1.746	0	%100
12	M6	Z	3.024	3.024	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	2.419	2.419	0	%100
16	M8	Z	4.19	4.19	0	%100
17	M9	X	2.419	2.419	0	%100
18	M9	Z	4.19	4.19	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	2.303	2.303	0	%100
22	M11	Z	3.989	3.989	0	%100
23	M12	X	2.303	2.303	0	%100
24	M12	Z	3.989	3.989	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	2.544	2.544	0	%100
28	M14	Z	4.406	4.406	0	%100
29	M15	X	.384	.384	0	%100
30	M15	Z	.666	.666	0	%100
31	M16	X	1.537	1.537	0	%100
32	M16	Z	2.663	2.663	0	%100
33	M17	X	.384	.384	0	%100
34	M17	Z	.666	.666	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.582	.582	0	%100
40	M20	Z	1.008	1.008	0	%100
41	M21	X	.582	.582	0	%100
42	M21	Z	1.008	1.008	0	%100
43	M22	X	.582	.582	0	%100
44	M22	Z	1.008	1.008	0	%100
45	M23	X	.582	.582	0	%100
46	M23	Z	1.008	1.008	0	%100
47	M24	X	2.208	2.208	0	%100
48	M24	Z	3.824	3.824	0	%100
49	M25	X	2.208	2.208	0	%100
50	M25	Z	3.824	3.824	0	%100
51	M26	X	.896	.896	0	%100
52	M26	Z	1.552	1.552	0	%100
53	M27	X	.896	.896	0	%100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
54	M27	Z	1.552	1.552	0	%100
55	M28	X	.896	.896	0	%100
56	M28	Z	1.552	1.552	0	%100
57	M29	X	.896	.896	0	%100
58	M29	Z	1.552	1.552	0	%100
59	M30	X	.896	.896	0	%100
60	M30	Z	1.552	1.552	0	%100
61	M31	X	.896	.896	0	%100
62	M31	Z	1.552	1.552	0	%100
63	M32	X	.896	.896	0	%100
64	M32	Z	1.552	1.552	0	%100
65	M33	X	1.68	1.68	0	%100
66	M33	Z	2.91	2.91	0	%100
67	MP1A	X	1.888	1.888	0	%100
68	MP1A	Z	3.271	3.271	0	%100
69	MP2A	X	1.888	1.888	0	%100
70	MP2A	Z	3.271	3.271	0	%100
71	MP3A	X	1.888	1.888	0	%100
72	MP3A	Z	3.271	3.271	0	%100
73	MP4A	X	1.888	1.888	0	%100
74	MP4A	Z	3.271	3.271	0	%100
75	MP1B	X	1.888	1.888	0	%100
76	MP1B	Z	3.271	3.271	0	%100
77	MP2B	X	1.888	1.888	0	%100
78	MP2B	Z	3.271	3.271	0	%100
79	MP4B	X	1.888	1.888	0	%100
80	MP4B	Z	3.271	3.271	0	%100
81	MP1C	X	1.888	1.888	0	%100
82	MP1C	Z	3.271	3.271	0	%100
83	MP2C	X	1.888	1.888	0	%100
84	MP2C	Z	3.271	3.271	0	%100
85	MP4C	X	1.888	1.888	0	%100
86	MP4C	Z	3.271	3.271	0	%100
87	MP3C	X	1.888	1.888	0	%100
88	MP3C	Z	3.271	3.271	0	%100
89	MP3B	X	1.888	1.888	0	%100
90	MP3B	Z	3.271	3.271	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.613	1.613	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.613	1.613	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	6.45	6.45	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.164	1.164	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.164	1.164	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	4.656	4.656	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.613	1.613	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.613	1.613	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	6.45	6.45	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	1.535	1.535	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	1.535	1.535	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
23	M12	X	0	0	0	%100
24	M12	Z	6.142	6.142	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	1.349	1.349	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	3.816	3.816	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	2.306	2.306	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	2.306	2.306	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.388	.388	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.388	.388	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.388	.388	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.388	.388	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	1.552	1.552	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	1.552	1.552	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	4.415	4.415	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	4.415	4.415	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	1.344	1.344	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	1.344	1.344	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	1.344	1.344	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	1.344	1.344	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	1.344	1.344	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	1.344	1.344	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	1.344	1.344	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	3.36	3.36	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	3.777	3.777	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	3.777	3.777	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	3.777	3.777	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	3.777	3.777	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	3.777	3.777	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	3.777	3.777	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	3.777	3.777	0	%100
81	MP1C	X	0	0	0	%100
82	MP1C	Z	3.777	3.777	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	3.777	3.777	0	%100
85	MP4C	X	0	0	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
86	MP4C	Z	3.777	3.777	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	3.777	3.777	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	3.777	3.777	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.419	-2.419	0	%100
2	M1	Z	4.19	4.19	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-2.419	-2.419	0	%100
6	M3	Z	4.19	4.19	0	%100
7	M4	X	-1.746	-1.746	0	%100
8	M4	Z	3.024	3.024	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.746	-1.746	0	%100
12	M6	Z	3.024	3.024	0	%100
13	M7	X	-2.419	-2.419	0	%100
14	M7	Z	4.19	4.19	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.419	-2.419	0	%100
18	M9	Z	4.19	4.19	0	%100
19	M10	X	-2.303	-2.303	0	%100
20	M10	Z	3.989	3.989	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-2.303	-2.303	0	%100
24	M12	Z	3.989	3.989	0	%100
25	M13	X	-2.023	-2.023	0	%100
26	M13	Z	3.504	3.504	0	%100
27	M14	X	-.636	-.636	0	%100
28	M14	Z	1.102	1.102	0	%100
29	M15	X	-.384	-.384	0	%100
30	M15	Z	.666	.666	0	%100
31	M16	X	-.384	-.384	0	%100
32	M16	Z	.666	.666	0	%100
33	M17	X	-1.537	-1.537	0	%100
34	M17	Z	2.663	2.663	0	%100
35	M18	X	-.582	-.582	0	%100
36	M18	Z	1.008	1.008	0	%100
37	M19	X	-.582	-.582	0	%100
38	M19	Z	1.008	1.008	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.582	-.582	0	%100
44	M22	Z	1.008	1.008	0	%100
45	M23	X	-.582	-.582	0	%100
46	M23	Z	1.008	1.008	0	%100
47	M24	X	-2.208	-2.208	0	%100
48	M24	Z	3.824	3.824	0	%100
49	M25	X	-2.208	-2.208	0	%100
50	M25	Z	3.824	3.824	0	%100
51	M26	X	-.224	-.224	0	%100
52	M26	Z	.388	.388	0	%100
53	M27	X	-.224	-.224	0	%100
54	M27	Z	.388	.388	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
55	M28	X	-.224	-.224	0	%100
56	M28	Z	.388	.388	0	%100
57	M29	X	-.224	-.224	0	%100
58	M29	Z	.388	.388	0	%100
59	M30	X	-.224	-.224	0	%100
60	M30	Z	.388	.388	0	%100
61	M31	X	-.224	-.224	0	%100
62	M31	Z	.388	.388	0	%100
63	M32	X	-.224	-.224	0	%100
64	M32	Z	.388	.388	0	%100
65	M33	X	-1.68	-1.68	0	%100
66	M33	Z	2.91	2.91	0	%100
67	MP1A	X	-1.888	-1.888	0	%100
68	MP1A	Z	3.271	3.271	0	%100
69	MP2A	X	-1.888	-1.888	0	%100
70	MP2A	Z	3.271	3.271	0	%100
71	MP3A	X	-1.888	-1.888	0	%100
72	MP3A	Z	3.271	3.271	0	%100
73	MP4A	X	-1.888	-1.888	0	%100
74	MP4A	Z	3.271	3.271	0	%100
75	MP1B	X	-1.888	-1.888	0	%100
76	MP1B	Z	3.271	3.271	0	%100
77	MP2B	X	-1.888	-1.888	0	%100
78	MP2B	Z	3.271	3.271	0	%100
79	MP4B	X	-1.888	-1.888	0	%100
80	MP4B	Z	3.271	3.271	0	%100
81	MP1C	X	-1.888	-1.888	0	%100
82	MP1C	Z	3.271	3.271	0	%100
83	MP2C	X	-1.888	-1.888	0	%100
84	MP2C	Z	3.271	3.271	0	%100
85	MP4C	X	-1.888	-1.888	0	%100
86	MP4C	Z	3.271	3.271	0	%100
87	MP3C	X	-1.888	-1.888	0	%100
88	MP3C	Z	3.271	3.271	0	%100
89	MP3B	X	-1.888	-1.888	0	%100
90	MP3B	Z	3.271	3.271	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.586	-5.586	0	%100
2	M1	Z	3.225	3.225	0	%100
3	M2	X	-1.397	-1.397	0	%100
4	M2	Z	.806	.806	0	%100
5	M3	X	-1.397	-1.397	0	%100
6	M3	Z	.806	.806	0	%100
7	M4	X	-4.032	-4.032	0	%100
8	M4	Z	2.328	2.328	0	%100
9	M5	X	-1.008	-1.008	0	%100
10	M5	Z	.582	.582	0	%100
11	M6	X	-1.008	-1.008	0	%100
12	M6	Z	.582	.582	0	%100
13	M7	X	-5.586	-5.586	0	%100
14	M7	Z	3.225	3.225	0	%100
15	M8	X	-1.397	-1.397	0	%100
16	M8	Z	.806	.806	0	%100
17	M9	X	-1.397	-1.397	0	%100
18	M9	Z	.806	.806	0	%100
19	M10	X	-5.319	-5.319	0	%100
20	M10	Z	3.071	3.071	0	%100
21	M11	X	-1.33	-1.33	0	%100
22	M11	Z	.768	.768	0	%100
23	M12	X	-1.33	-1.33	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
24	M12	Z	.768	.768	0	%100
25	M13	X	-4.672	-4.672	0	%100
26	M13	Z	2.697	2.697	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-1.997	-1.997	0	%100
30	M15	Z	1.153	1.153	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-1.997	-1.997	0	%100
34	M17	Z	1.153	1.153	0	%100
35	M18	X	-1.344	-1.344	0	%100
36	M18	Z	.776	.776	0	%100
37	M19	X	-1.344	-1.344	0	%100
38	M19	Z	.776	.776	0	%100
39	M20	X	-.336	-.336	0	%100
40	M20	Z	.194	.194	0	%100
41	M21	X	-.336	-.336	0	%100
42	M21	Z	.194	.194	0	%100
43	M22	X	-.336	-.336	0	%100
44	M22	Z	.194	.194	0	%100
45	M23	X	-.336	-.336	0	%100
46	M23	Z	.194	.194	0	%100
47	M24	X	-3.824	-3.824	0	%100
48	M24	Z	2.208	2.208	0	%100
49	M25	X	-3.824	-3.824	0	%100
50	M25	Z	2.208	2.208	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-2.91	-2.91	0	%100
66	M33	Z	1.68	1.68	0	%100
67	MP1A	X	-3.271	-3.271	0	%100
68	MP1A	Z	1.888	1.888	0	%100
69	MP2A	X	-3.271	-3.271	0	%100
70	MP2A	Z	1.888	1.888	0	%100
71	MP3A	X	-3.271	-3.271	0	%100
72	MP3A	Z	1.888	1.888	0	%100
73	MP4A	X	-3.271	-3.271	0	%100
74	MP4A	Z	1.888	1.888	0	%100
75	MP1B	X	-3.271	-3.271	0	%100
76	MP1B	Z	1.888	1.888	0	%100
77	MP2B	X	-3.271	-3.271	0	%100
78	MP2B	Z	1.888	1.888	0	%100
79	MP4B	X	-3.271	-3.271	0	%100
80	MP4B	Z	1.888	1.888	0	%100
81	MP1C	X	-3.271	-3.271	0	%100
82	MP1C	Z	1.888	1.888	0	%100
83	MP2C	X	-3.271	-3.271	0	%100
84	MP2C	Z	1.888	1.888	0	%100
85	MP4C	X	-3.271	-3.271	0	%100
86	MP4C	Z	1.888	1.888	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
87	MP3C	X	-3.271	-3.271	0	%100
88	MP3C	Z	1.888	1.888	0	%100
89	MP3B	X	-3.271	-3.271	0	%100
90	MP3B	Z	1.888	1.888	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.838	-4.838	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-4.838	-4.838	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-3.492	-3.492	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-3.492	-3.492	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-4.838	-4.838	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-4.838	-4.838	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-4.606	-4.606	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-4.606	-4.606	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-4.046	-4.046	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-1.272	-1.272	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-3.075	-3.075	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.769	-.769	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-.769	-.769	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-1.164	-1.164	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-1.164	-1.164	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-1.164	-1.164	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-1.164	-1.164	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-4.415	-4.415	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-4.415	-4.415	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-.448	-.448	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-.448	-.448	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-.448	-.448	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
56	M28	Z	0	0	0	%100
57	M29	X	-.448	-.448	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-.448	-.448	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-.448	-.448	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-.448	-.448	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-3.36	-3.36	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-3.777	-3.777	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	-3.777	-3.777	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	-3.777	-3.777	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	-3.777	-3.777	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	-3.777	-3.777	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	-3.777	-3.777	0	%100
78	MP2B	Z	0	0	0	%100
79	MP4B	X	-3.777	-3.777	0	%100
80	MP4B	Z	0	0	0	%100
81	MP1C	X	-3.777	-3.777	0	%100
82	MP1C	Z	0	0	0	%100
83	MP2C	X	-3.777	-3.777	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	-3.777	-3.777	0	%100
86	MP4C	Z	0	0	0	%100
87	MP3C	X	-3.777	-3.777	0	%100
88	MP3C	Z	0	0	0	%100
89	MP3B	X	-3.777	-3.777	0	%100
90	MP3B	Z	0	0	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.397	-1.397	0	%100
2	M1	Z	-.806	-.806	0	%100
3	M2	X	-5.586	-5.586	0	%100
4	M2	Z	-3.225	-3.225	0	%100
5	M3	X	-1.397	-1.397	0	%100
6	M3	Z	-.806	-.806	0	%100
7	M4	X	-1.008	-1.008	0	%100
8	M4	Z	-.582	-.582	0	%100
9	M5	X	-4.032	-4.032	0	%100
10	M5	Z	-2.328	-2.328	0	%100
11	M6	X	-1.008	-1.008	0	%100
12	M6	Z	-.582	-.582	0	%100
13	M7	X	-1.397	-1.397	0	%100
14	M7	Z	-.806	-.806	0	%100
15	M8	X	-5.586	-5.586	0	%100
16	M8	Z	-3.225	-3.225	0	%100
17	M9	X	-1.397	-1.397	0	%100
18	M9	Z	-.806	-.806	0	%100
19	M10	X	-1.33	-1.33	0	%100
20	M10	Z	-.768	-.768	0	%100
21	M11	X	-5.319	-5.319	0	%100
22	M11	Z	-3.071	-3.071	0	%100
23	M12	X	-1.33	-1.33	0	%100
24	M12	Z	-.768	-.768	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
25	M13	X	-1.168	-1.168	0	%100
26	M13	Z	-.674	-.674	0	%100
27	M14	X	-3.305	-3.305	0	%100
28	M14	Z	-1.908	-1.908	0	%100
29	M15	X	-1.997	-1.997	0	%100
30	M15	Z	-1.153	-1.153	0	%100
31	M16	X	-1.997	-1.997	0	%100
32	M16	Z	-1.153	-1.153	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.336	-.336	0	%100
36	M18	Z	-.194	-.194	0	%100
37	M19	X	-.336	-.336	0	%100
38	M19	Z	-.194	-.194	0	%100
39	M20	X	-1.344	-1.344	0	%100
40	M20	Z	-.776	-.776	0	%100
41	M21	X	-1.344	-1.344	0	%100
42	M21	Z	-.776	-.776	0	%100
43	M22	X	-.336	-.336	0	%100
44	M22	Z	-.194	-.194	0	%100
45	M23	X	-.336	-.336	0	%100
46	M23	Z	-.194	-.194	0	%100
47	M24	X	-3.824	-3.824	0	%100
48	M24	Z	-2.208	-2.208	0	%100
49	M25	X	-3.824	-3.824	0	%100
50	M25	Z	-2.208	-2.208	0	%100
51	M26	X	-1.164	-1.164	0	%100
52	M26	Z	-.672	-.672	0	%100
53	M27	X	-1.164	-1.164	0	%100
54	M27	Z	-.672	-.672	0	%100
55	M28	X	-1.164	-1.164	0	%100
56	M28	Z	-.672	-.672	0	%100
57	M29	X	-1.164	-1.164	0	%100
58	M29	Z	-.672	-.672	0	%100
59	M30	X	-1.164	-1.164	0	%100
60	M30	Z	-.672	-.672	0	%100
61	M31	X	-1.164	-1.164	0	%100
62	M31	Z	-.672	-.672	0	%100
63	M32	X	-1.164	-1.164	0	%100
64	M32	Z	-.672	-.672	0	%100
65	M33	X	-2.91	-2.91	0	%100
66	M33	Z	-1.68	-1.68	0	%100
67	MP1A	X	-3.271	-3.271	0	%100
68	MP1A	Z	-1.888	-1.888	0	%100
69	MP2A	X	-3.271	-3.271	0	%100
70	MP2A	Z	-1.888	-1.888	0	%100
71	MP3A	X	-3.271	-3.271	0	%100
72	MP3A	Z	-1.888	-1.888	0	%100
73	MP4A	X	-3.271	-3.271	0	%100
74	MP4A	Z	-1.888	-1.888	0	%100
75	MP1B	X	-3.271	-3.271	0	%100
76	MP1B	Z	-1.888	-1.888	0	%100
77	MP2B	X	-3.271	-3.271	0	%100
78	MP2B	Z	-1.888	-1.888	0	%100
79	MP4B	X	-3.271	-3.271	0	%100
80	MP4B	Z	-1.888	-1.888	0	%100
81	MP1C	X	-3.271	-3.271	0	%100
82	MP1C	Z	-1.888	-1.888	0	%100
83	MP2C	X	-3.271	-3.271	0	%100
84	MP2C	Z	-1.888	-1.888	0	%100
85	MP4C	X	-3.271	-3.271	0	%100
86	MP4C	Z	-1.888	-1.888	0	%100
87	MP3C	X	-3.271	-3.271	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
88	MP3C	Z	-1.888	-1.888	0	%100
89	MP3B	X	-3.271	-3.271	0	%100
90	MP3B	Z	-1.888	-1.888	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-2.419	-2.419	0	%100
4	M2	Z	-4.19	-4.19	0	%100
5	M3	X	-2.419	-2.419	0	%100
6	M3	Z	-4.19	-4.19	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.746	-1.746	0	%100
10	M5	Z	-3.024	-3.024	0	%100
11	M6	X	-1.746	-1.746	0	%100
12	M6	Z	-3.024	-3.024	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-2.419	-2.419	0	%100
16	M8	Z	-4.19	-4.19	0	%100
17	M9	X	-2.419	-2.419	0	%100
18	M9	Z	-4.19	-4.19	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-2.303	-2.303	0	%100
22	M11	Z	-3.989	-3.989	0	%100
23	M12	X	-2.303	-2.303	0	%100
24	M12	Z	-3.989	-3.989	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-2.544	-2.544	0	%100
28	M14	Z	-4.406	-4.406	0	%100
29	M15	X	-.384	-.384	0	%100
30	M15	Z	-.666	-.666	0	%100
31	M16	X	-1.537	-1.537	0	%100
32	M16	Z	-2.663	-2.663	0	%100
33	M17	X	-.384	-.384	0	%100
34	M17	Z	-.666	-.666	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.582	-.582	0	%100
40	M20	Z	-1.008	-1.008	0	%100
41	M21	X	-.582	-.582	0	%100
42	M21	Z	-1.008	-1.008	0	%100
43	M22	X	-.582	-.582	0	%100
44	M22	Z	-1.008	-1.008	0	%100
45	M23	X	-.582	-.582	0	%100
46	M23	Z	-1.008	-1.008	0	%100
47	M24	X	-2.208	-2.208	0	%100
48	M24	Z	-3.824	-3.824	0	%100
49	M25	X	-2.208	-2.208	0	%100
50	M25	Z	-3.824	-3.824	0	%100
51	M26	X	-.896	-.896	0	%100
52	M26	Z	-1.552	-1.552	0	%100
53	M27	X	-.896	-.896	0	%100
54	M27	Z	-1.552	-1.552	0	%100
55	M28	X	-.896	-.896	0	%100
56	M28	Z	-1.552	-1.552	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
57	M29	X	-.896	-.896	0	%100
58	M29	Z	-1.552	-1.552	0	%100
59	M30	X	-.896	-.896	0	%100
60	M30	Z	-1.552	-1.552	0	%100
61	M31	X	-.896	-.896	0	%100
62	M31	Z	-1.552	-1.552	0	%100
63	M32	X	-.896	-.896	0	%100
64	M32	Z	-1.552	-1.552	0	%100
65	M33	X	-1.68	-1.68	0	%100
66	M33	Z	-2.91	-2.91	0	%100
67	MP1A	X	-1.888	-1.888	0	%100
68	MP1A	Z	-3.271	-3.271	0	%100
69	MP2A	X	-1.888	-1.888	0	%100
70	MP2A	Z	-3.271	-3.271	0	%100
71	MP3A	X	-1.888	-1.888	0	%100
72	MP3A	Z	-3.271	-3.271	0	%100
73	MP4A	X	-1.888	-1.888	0	%100
74	MP4A	Z	-3.271	-3.271	0	%100
75	MP1B	X	-1.888	-1.888	0	%100
76	MP1B	Z	-3.271	-3.271	0	%100
77	MP2B	X	-1.888	-1.888	0	%100
78	MP2B	Z	-3.271	-3.271	0	%100
79	MP4B	X	-1.888	-1.888	0	%100
80	MP4B	Z	-3.271	-3.271	0	%100
81	MP1C	X	-1.888	-1.888	0	%100
82	MP1C	Z	-3.271	-3.271	0	%100
83	MP2C	X	-1.888	-1.888	0	%100
84	MP2C	Z	-3.271	-3.271	0	%100
85	MP4C	X	-1.888	-1.888	0	%100
86	MP4C	Z	-3.271	-3.271	0	%100
87	MP3C	X	-1.888	-1.888	0	%100
88	MP3C	Z	-3.271	-3.271	0	%100
89	MP3B	X	-1.888	-1.888	0	%100
90	MP3B	Z	-3.271	-3.271	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.401	-.401	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.401	-.401	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.605	-1.605	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.3	-.3	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.3	-.3	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.198	-1.198	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-.401	-.401	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.401	-.401	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.605	-1.605	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.385	-.385	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-.385	-.385	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-1.538	-1.538	0	%100
25	M13	X	0	0	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
26	M13	Z	-.344	-.344	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-.975	-.975	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-.422	-.422	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-.422	-.422	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.022	-.022	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.022	-.022	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.022	-.022	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.022	-.022	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-.09	-.09	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-.09	-.09	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-.799	-.799	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-.799	-.799	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-.119	-.119	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-.119	-.119	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-.119	-.119	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-.119	-.119	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-.119	-.119	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-.119	-.119	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-.119	-.119	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-.545	-.545	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	-.569	-.569	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	-.569	-.569	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	-.569	-.569	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-.569	-.569	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-.569	-.569	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	-.569	-.569	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	-.569	-.569	0	%100
81	MP1C	X	0	0	0	%100
82	MP1C	Z	-.569	-.569	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	-.569	-.569	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-.569	-.569	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.569	-.569	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-.569	-.569	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.602	.602	0	%100
2	M1	Z	-1.042	-1.042	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.602	.602	0	%100
6	M3	Z	-1.042	-1.042	0	%100
7	M4	X	.449	.449	0	%100
8	M4	Z	-.778	-.778	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.449	.449	0	%100
12	M6	Z	-.778	-.778	0	%100
13	M7	X	.602	.602	0	%100
14	M7	Z	-1.042	-1.042	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.602	.602	0	%100
18	M9	Z	-1.042	-1.042	0	%100
19	M10	X	.577	.577	0	%100
20	M10	Z	-.999	-.999	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	.577	.577	0	%100
24	M12	Z	-.999	-.999	0	%100
25	M13	X	.515	.515	0	%100
26	M13	Z	-.893	-.893	0	%100
27	M14	X	.163	.163	0	%100
28	M14	Z	-.282	-.282	0	%100
29	M15	X	.07	.07	0	%100
30	M15	Z	-.122	-.122	0	%100
31	M16	X	.07	.07	0	%100
32	M16	Z	-.122	-.122	0	%100
33	M17	X	.281	.281	0	%100
34	M17	Z	-.487	-.487	0	%100
35	M18	X	.034	.034	0	%100
36	M18	Z	-.058	-.058	0	%100
37	M19	X	.034	.034	0	%100
38	M19	Z	-.058	-.058	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.034	.034	0	%100
44	M22	Z	-.058	-.058	0	%100
45	M23	X	.034	.034	0	%100
46	M23	Z	-.058	-.058	0	%100
47	M24	X	.399	.399	0	%100
48	M24	Z	-.692	-.692	0	%100
49	M25	X	.399	.399	0	%100
50	M25	Z	-.692	-.692	0	%100
51	M26	X	.02	.02	0	%100
52	M26	Z	-.034	-.034	0	%100
53	M27	X	.02	.02	0	%100
54	M27	Z	-.034	-.034	0	%100
55	M28	X	.02	.02	0	%100
56	M28	Z	-.034	-.034	0	%100
57	M29	X	.02	.02	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	-.034	-.034	0	%100
59	M30	X	.02	.02	0	%100
60	M30	Z	-.034	-.034	0	%100
61	M31	X	.02	.02	0	%100
62	M31	Z	-.034	-.034	0	%100
63	M32	X	.02	.02	0	%100
64	M32	Z	-.034	-.034	0	%100
65	M33	X	.273	.273	0	%100
66	M33	Z	-.472	-.472	0	%100
67	MP1A	X	.285	.285	0	%100
68	MP1A	Z	-.493	-.493	0	%100
69	MP2A	X	.285	.285	0	%100
70	MP2A	Z	-.493	-.493	0	%100
71	MP3A	X	.285	.285	0	%100
72	MP3A	Z	-.493	-.493	0	%100
73	MP4A	X	.285	.285	0	%100
74	MP4A	Z	-.493	-.493	0	%100
75	MP1B	X	.285	.285	0	%100
76	MP1B	Z	-.493	-.493	0	%100
77	MP2B	X	.285	.285	0	%100
78	MP2B	Z	-.493	-.493	0	%100
79	MP4B	X	.285	.285	0	%100
80	MP4B	Z	-.493	-.493	0	%100
81	MP1C	X	.285	.285	0	%100
82	MP1C	Z	-.493	-.493	0	%100
83	MP2C	X	.285	.285	0	%100
84	MP2C	Z	-.493	-.493	0	%100
85	MP4C	X	.285	.285	0	%100
86	MP4C	Z	-.493	-.493	0	%100
87	MP3C	X	.285	.285	0	%100
88	MP3C	Z	-.493	-.493	0	%100
89	MP3B	X	.285	.285	0	%100
90	MP3B	Z	-.493	-.493	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.39	1.39	0	%100
2	M1	Z	-.802	-.802	0	%100
3	M2	X	.347	.347	0	%100
4	M2	Z	-.201	-.201	0	%100
5	M3	X	.347	.347	0	%100
6	M3	Z	-.201	-.201	0	%100
7	M4	X	1.038	1.038	0	%100
8	M4	Z	-.599	-.599	0	%100
9	M5	X	.259	.259	0	%100
10	M5	Z	-.15	-.15	0	%100
11	M6	X	.259	.259	0	%100
12	M6	Z	-.15	-.15	0	%100
13	M7	X	1.39	1.39	0	%100
14	M7	Z	-.802	-.802	0	%100
15	M8	X	.347	.347	0	%100
16	M8	Z	-.201	-.201	0	%100
17	M9	X	.347	.347	0	%100
18	M9	Z	-.201	-.201	0	%100
19	M10	X	1.332	1.332	0	%100
20	M10	Z	-.769	-.769	0	%100
21	M11	X	.333	.333	0	%100
22	M11	Z	-.192	-.192	0	%100
23	M12	X	.333	.333	0	%100
24	M12	Z	-.192	-.192	0	%100
25	M13	X	1.19	1.19	0	%100
26	M13	Z	-.687	-.687	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	.365	.365	0	%100
30	M15	Z	-.211	-.211	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	.365	.365	0	%100
34	M17	Z	-.211	-.211	0	%100
35	M18	X	.078	.078	0	%100
36	M18	Z	-.045	-.045	0	%100
37	M19	X	.078	.078	0	%100
38	M19	Z	-.045	-.045	0	%100
39	M20	X	.019	.019	0	%100
40	M20	Z	-.011	-.011	0	%100
41	M21	X	.019	.019	0	%100
42	M21	Z	-.011	-.011	0	%100
43	M22	X	.019	.019	0	%100
44	M22	Z	-.011	-.011	0	%100
45	M23	X	.019	.019	0	%100
46	M23	Z	-.011	-.011	0	%100
47	M24	X	.692	.692	0	%100
48	M24	Z	-.399	-.399	0	%100
49	M25	X	.692	.692	0	%100
50	M25	Z	-.399	-.399	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	.472	.472	0	%100
66	M33	Z	-.273	-.273	0	%100
67	MP1A	X	.493	.493	0	%100
68	MP1A	Z	-.285	-.285	0	%100
69	MP2A	X	.493	.493	0	%100
70	MP2A	Z	-.285	-.285	0	%100
71	MP3A	X	.493	.493	0	%100
72	MP3A	Z	-.285	-.285	0	%100
73	MP4A	X	.493	.493	0	%100
74	MP4A	Z	-.285	-.285	0	%100
75	MP1B	X	.493	.493	0	%100
76	MP1B	Z	-.285	-.285	0	%100
77	MP2B	X	.493	.493	0	%100
78	MP2B	Z	-.285	-.285	0	%100
79	MP4B	X	.493	.493	0	%100
80	MP4B	Z	-.285	-.285	0	%100
81	MP1C	X	.493	.493	0	%100
82	MP1C	Z	-.285	-.285	0	%100
83	MP2C	X	.493	.493	0	%100
84	MP2C	Z	-.285	-.285	0	%100
85	MP4C	X	.493	.493	0	%100
86	MP4C	Z	-.285	-.285	0	%100
87	MP3C	X	.493	.493	0	%100
88	MP3C	Z	-.285	-.285	0	%100
89	MP3B	X	.493	.493	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
90	MP3B	Z	-.285	-.285	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.203	1.203	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.203	1.203	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.899	.899	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.899	.899	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	1.203	1.203	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.203	1.203	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.154	1.154	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	1.154	1.154	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	1.031	1.031	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.325	.325	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	.563	.563	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.141	.141	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	.141	.141	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.067	.067	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	.067	.067	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.067	.067	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	.067	.067	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	.799	.799	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	.799	.799	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	.04	.04	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	.04	.04	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	.04	.04	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	.04	.04	0	%100
58	M29	Z	0	0	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
59	M30	X	.04	.04	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	.04	.04	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.04	.04	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	.545	.545	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	.569	.569	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	.569	.569	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	.569	.569	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	.569	.569	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	.569	.569	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	.569	.569	0	%100
78	MP2B	Z	0	0	0	%100
79	MP4B	X	.569	.569	0	%100
80	MP4B	Z	0	0	0	%100
81	MP1C	X	.569	.569	0	%100
82	MP1C	Z	0	0	0	%100
83	MP2C	X	.569	.569	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	.569	.569	0	%100
86	MP4C	Z	0	0	0	%100
87	MP3C	X	.569	.569	0	%100
88	MP3C	Z	0	0	0	%100
89	MP3B	X	.569	.569	0	%100
90	MP3B	Z	0	0	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.347	.347	0	%100
2	M1	Z	.201	.201	0	%100
3	M2	X	1.39	1.39	0	%100
4	M2	Z	.802	.802	0	%100
5	M3	X	.347	.347	0	%100
6	M3	Z	.201	.201	0	%100
7	M4	X	.259	.259	0	%100
8	M4	Z	.15	.15	0	%100
9	M5	X	1.038	1.038	0	%100
10	M5	Z	.599	.599	0	%100
11	M6	X	.259	.259	0	%100
12	M6	Z	.15	.15	0	%100
13	M7	X	.347	.347	0	%100
14	M7	Z	.201	.201	0	%100
15	M8	X	1.39	1.39	0	%100
16	M8	Z	.802	.802	0	%100
17	M9	X	.347	.347	0	%100
18	M9	Z	.201	.201	0	%100
19	M10	X	.333	.333	0	%100
20	M10	Z	.192	.192	0	%100
21	M11	X	1.332	1.332	0	%100
22	M11	Z	.769	.769	0	%100
23	M12	X	.333	.333	0	%100
24	M12	Z	.192	.192	0	%100
25	M13	X	.298	.298	0	%100
26	M13	Z	.172	.172	0	%100
27	M14	X	.845	.845	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
28	M14	Z	.488	.488	0	%100
29	M15	X	.365	.365	0	%100
30	M15	Z	.211	.211	0	%100
31	M16	X	.365	.365	0	%100
32	M16	Z	.211	.211	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.019	.019	0	%100
36	M18	Z	.011	.011	0	%100
37	M19	X	.019	.019	0	%100
38	M19	Z	.011	.011	0	%100
39	M20	X	.078	.078	0	%100
40	M20	Z	.045	.045	0	%100
41	M21	X	.078	.078	0	%100
42	M21	Z	.045	.045	0	%100
43	M22	X	.019	.019	0	%100
44	M22	Z	.011	.011	0	%100
45	M23	X	.019	.019	0	%100
46	M23	Z	.011	.011	0	%100
47	M24	X	.692	.692	0	%100
48	M24	Z	.399	.399	0	%100
49	M25	X	.692	.692	0	%100
50	M25	Z	.399	.399	0	%100
51	M26	X	.103	.103	0	%100
52	M26	Z	.06	.06	0	%100
53	M27	X	.103	.103	0	%100
54	M27	Z	.06	.06	0	%100
55	M28	X	.103	.103	0	%100
56	M28	Z	.06	.06	0	%100
57	M29	X	.103	.103	0	%100
58	M29	Z	.06	.06	0	%100
59	M30	X	.103	.103	0	%100
60	M30	Z	.06	.06	0	%100
61	M31	X	.103	.103	0	%100
62	M31	Z	.06	.06	0	%100
63	M32	X	.103	.103	0	%100
64	M32	Z	.06	.06	0	%100
65	M33	X	.472	.472	0	%100
66	M33	Z	.273	.273	0	%100
67	MP1A	X	.493	.493	0	%100
68	MP1A	Z	.285	.285	0	%100
69	MP2A	X	.493	.493	0	%100
70	MP2A	Z	.285	.285	0	%100
71	MP3A	X	.493	.493	0	%100
72	MP3A	Z	.285	.285	0	%100
73	MP4A	X	.493	.493	0	%100
74	MP4A	Z	.285	.285	0	%100
75	MP1B	X	.493	.493	0	%100
76	MP1B	Z	.285	.285	0	%100
77	MP2B	X	.493	.493	0	%100
78	MP2B	Z	.285	.285	0	%100
79	MP4B	X	.493	.493	0	%100
80	MP4B	Z	.285	.285	0	%100
81	MP1C	X	.493	.493	0	%100
82	MP1C	Z	.285	.285	0	%100
83	MP2C	X	.493	.493	0	%100
84	MP2C	Z	.285	.285	0	%100
85	MP4C	X	.493	.493	0	%100
86	MP4C	Z	.285	.285	0	%100
87	MP3C	X	.493	.493	0	%100
88	MP3C	Z	.285	.285	0	%100
89	MP3B	X	.493	.493	0	%100
90	MP3B	Z	.285	.285	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.602	.602	0	%100
4	M2	Z	1.042	1.042	0	%100
5	M3	X	.602	.602	0	%100
6	M3	Z	1.042	1.042	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.449	.449	0	%100
10	M5	Z	.778	.778	0	%100
11	M6	X	.449	.449	0	%100
12	M6	Z	.778	.778	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	.602	.602	0	%100
16	M8	Z	1.042	1.042	0	%100
17	M9	X	.602	.602	0	%100
18	M9	Z	1.042	1.042	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	.577	.577	0	%100
22	M11	Z	.999	.999	0	%100
23	M12	X	.577	.577	0	%100
24	M12	Z	.999	.999	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.65	.65	0	%100
28	M14	Z	1.126	1.126	0	%100
29	M15	X	.07	.07	0	%100
30	M15	Z	.122	.122	0	%100
31	M16	X	.281	.281	0	%100
32	M16	Z	.487	.487	0	%100
33	M17	X	.07	.07	0	%100
34	M17	Z	.122	.122	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.034	.034	0	%100
40	M20	Z	.058	.058	0	%100
41	M21	X	.034	.034	0	%100
42	M21	Z	.058	.058	0	%100
43	M22	X	.034	.034	0	%100
44	M22	Z	.058	.058	0	%100
45	M23	X	.034	.034	0	%100
46	M23	Z	.058	.058	0	%100
47	M24	X	.399	.399	0	%100
48	M24	Z	.692	.692	0	%100
49	M25	X	.399	.399	0	%100
50	M25	Z	.692	.692	0	%100
51	M26	X	.079	.079	0	%100
52	M26	Z	.137	.137	0	%100
53	M27	X	.079	.079	0	%100
54	M27	Z	.137	.137	0	%100
55	M28	X	.079	.079	0	%100
56	M28	Z	.137	.137	0	%100
57	M29	X	.079	.079	0	%100
58	M29	Z	.137	.137	0	%100
59	M30	X	.079	.079	0	%100
60	M30	Z	.137	.137	0	%100
61	M31	X	.079	.079	0	%100
62	M31	Z	.137	.137	0	%100
63	M32	X	.079	.079	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
64	M32	Z	.137	.137	0	%100
65	M33	X	.273	.273	0	%100
66	M33	Z	.472	.472	0	%100
67	MP1A	X	.285	.285	0	%100
68	MP1A	Z	.493	.493	0	%100
69	MP2A	X	.285	.285	0	%100
70	MP2A	Z	.493	.493	0	%100
71	MP3A	X	.285	.285	0	%100
72	MP3A	Z	.493	.493	0	%100
73	MP4A	X	.285	.285	0	%100
74	MP4A	Z	.493	.493	0	%100
75	MP1B	X	.285	.285	0	%100
76	MP1B	Z	.493	.493	0	%100
77	MP2B	X	.285	.285	0	%100
78	MP2B	Z	.493	.493	0	%100
79	MP4B	X	.285	.285	0	%100
80	MP4B	Z	.493	.493	0	%100
81	MP1C	X	.285	.285	0	%100
82	MP1C	Z	.493	.493	0	%100
83	MP2C	X	.285	.285	0	%100
84	MP2C	Z	.493	.493	0	%100
85	MP4C	X	.285	.285	0	%100
86	MP4C	Z	.493	.493	0	%100
87	MP3C	X	.285	.285	0	%100
88	MP3C	Z	.493	.493	0	%100
89	MP3B	X	.285	.285	0	%100
90	MP3B	Z	.493	.493	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.401	.401	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.401	.401	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.605	1.605	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.3	.3	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.3	.3	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.198	1.198	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	.401	.401	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.401	.401	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.605	1.605	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.385	.385	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	.385	.385	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	1.538	1.538	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	.344	.344	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	.975	.975	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	.422	.422	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
33	M17	X	0	0	0	%100
34	M17	Z	.422	.422	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.022	.022	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.022	.022	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.022	.022	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.022	.022	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	.09	.09	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	.09	.09	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	.799	.799	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	.799	.799	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	.119	.119	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	.119	.119	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	.119	.119	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	.119	.119	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	.119	.119	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	.119	.119	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	.119	.119	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	.545	.545	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	.569	.569	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	.569	.569	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	.569	.569	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	.569	.569	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	.569	.569	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	.569	.569	0	%100
79	MP4B	X	0	0	0	%100
80	MP4B	Z	.569	.569	0	%100
81	MP1C	X	0	0	0	%100
82	MP1C	Z	.569	.569	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	.569	.569	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	.569	.569	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.569	.569	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	.569	.569	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.602	-.602	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	1.042	1.042	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.602	-.602	0	%100
6	M3	Z	1.042	1.042	0	%100
7	M4	X	-.449	-.449	0	%100
8	M4	Z	.778	.778	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.449	-.449	0	%100
12	M6	Z	.778	.778	0	%100
13	M7	X	-.602	-.602	0	%100
14	M7	Z	1.042	1.042	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.602	-.602	0	%100
18	M9	Z	1.042	1.042	0	%100
19	M10	X	-.577	-.577	0	%100
20	M10	Z	.999	.999	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-.577	-.577	0	%100
24	M12	Z	.999	.999	0	%100
25	M13	X	-.515	-.515	0	%100
26	M13	Z	.893	.893	0	%100
27	M14	X	-.163	-.163	0	%100
28	M14	Z	.282	.282	0	%100
29	M15	X	-.07	-.07	0	%100
30	M15	Z	.122	.122	0	%100
31	M16	X	-.07	-.07	0	%100
32	M16	Z	.122	.122	0	%100
33	M17	X	-.281	-.281	0	%100
34	M17	Z	.487	.487	0	%100
35	M18	X	-.034	-.034	0	%100
36	M18	Z	.058	.058	0	%100
37	M19	X	-.034	-.034	0	%100
38	M19	Z	.058	.058	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.034	-.034	0	%100
44	M22	Z	.058	.058	0	%100
45	M23	X	-.034	-.034	0	%100
46	M23	Z	.058	.058	0	%100
47	M24	X	-.399	-.399	0	%100
48	M24	Z	.692	.692	0	%100
49	M25	X	-.399	-.399	0	%100
50	M25	Z	.692	.692	0	%100
51	M26	X	-.02	-.02	0	%100
52	M26	Z	.034	.034	0	%100
53	M27	X	-.02	-.02	0	%100
54	M27	Z	.034	.034	0	%100
55	M28	X	-.02	-.02	0	%100
56	M28	Z	.034	.034	0	%100
57	M29	X	-.02	-.02	0	%100
58	M29	Z	.034	.034	0	%100
59	M30	X	-.02	-.02	0	%100
60	M30	Z	.034	.034	0	%100
61	M31	X	-.02	-.02	0	%100
62	M31	Z	.034	.034	0	%100
63	M32	X	-.02	-.02	0	%100
64	M32	Z	.034	.034	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
65	M33	X	-.273	-.273	0	%100
66	M33	Z	.472	.472	0	%100
67	MP1A	X	-.285	-.285	0	%100
68	MP1A	Z	.493	.493	0	%100
69	MP2A	X	-.285	-.285	0	%100
70	MP2A	Z	.493	.493	0	%100
71	MP3A	X	-.285	-.285	0	%100
72	MP3A	Z	.493	.493	0	%100
73	MP4A	X	-.285	-.285	0	%100
74	MP4A	Z	.493	.493	0	%100
75	MP1B	X	-.285	-.285	0	%100
76	MP1B	Z	.493	.493	0	%100
77	MP2B	X	-.285	-.285	0	%100
78	MP2B	Z	.493	.493	0	%100
79	MP4B	X	-.285	-.285	0	%100
80	MP4B	Z	.493	.493	0	%100
81	MP1C	X	-.285	-.285	0	%100
82	MP1C	Z	.493	.493	0	%100
83	MP2C	X	-.285	-.285	0	%100
84	MP2C	Z	.493	.493	0	%100
85	MP4C	X	-.285	-.285	0	%100
86	MP4C	Z	.493	.493	0	%100
87	MP3C	X	-.285	-.285	0	%100
88	MP3C	Z	.493	.493	0	%100
89	MP3B	X	-.285	-.285	0	%100
90	MP3B	Z	.493	.493	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.39	-1.39	0	%100
2	M1	Z	.802	.802	0	%100
3	M2	X	-.347	-.347	0	%100
4	M2	Z	.201	.201	0	%100
5	M3	X	-.347	-.347	0	%100
6	M3	Z	.201	.201	0	%100
7	M4	X	-1.038	-1.038	0	%100
8	M4	Z	.599	.599	0	%100
9	M5	X	-.259	-.259	0	%100
10	M5	Z	.15	.15	0	%100
11	M6	X	-.259	-.259	0	%100
12	M6	Z	.15	.15	0	%100
13	M7	X	-1.39	-1.39	0	%100
14	M7	Z	.802	.802	0	%100
15	M8	X	-.347	-.347	0	%100
16	M8	Z	.201	.201	0	%100
17	M9	X	-.347	-.347	0	%100
18	M9	Z	.201	.201	0	%100
19	M10	X	-1.332	-1.332	0	%100
20	M10	Z	.769	.769	0	%100
21	M11	X	-.333	-.333	0	%100
22	M11	Z	.192	.192	0	%100
23	M12	X	-.333	-.333	0	%100
24	M12	Z	.192	.192	0	%100
25	M13	X	-1.19	-1.19	0	%100
26	M13	Z	.687	.687	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-.365	-.365	0	%100
30	M15	Z	.211	.211	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-.365	-.365	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
34	M17	Z	.211	.211	0	%100
35	M18	X	-.078	-.078	0	%100
36	M18	Z	.045	.045	0	%100
37	M19	X	-.078	-.078	0	%100
38	M19	Z	.045	.045	0	%100
39	M20	X	-.019	-.019	0	%100
40	M20	Z	.011	.011	0	%100
41	M21	X	-.019	-.019	0	%100
42	M21	Z	.011	.011	0	%100
43	M22	X	-.019	-.019	0	%100
44	M22	Z	.011	.011	0	%100
45	M23	X	-.019	-.019	0	%100
46	M23	Z	.011	.011	0	%100
47	M24	X	-.692	-.692	0	%100
48	M24	Z	.399	.399	0	%100
49	M25	X	-.692	-.692	0	%100
50	M25	Z	.399	.399	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-.472	-.472	0	%100
66	M33	Z	.273	.273	0	%100
67	MP1A	X	-.493	-.493	0	%100
68	MP1A	Z	.285	.285	0	%100
69	MP2A	X	-.493	-.493	0	%100
70	MP2A	Z	.285	.285	0	%100
71	MP3A	X	-.493	-.493	0	%100
72	MP3A	Z	.285	.285	0	%100
73	MP4A	X	-.493	-.493	0	%100
74	MP4A	Z	.285	.285	0	%100
75	MP1B	X	-.493	-.493	0	%100
76	MP1B	Z	.285	.285	0	%100
77	MP2B	X	-.493	-.493	0	%100
78	MP2B	Z	.285	.285	0	%100
79	MP4B	X	-.493	-.493	0	%100
80	MP4B	Z	.285	.285	0	%100
81	MP1C	X	-.493	-.493	0	%100
82	MP1C	Z	.285	.285	0	%100
83	MP2C	X	-.493	-.493	0	%100
84	MP2C	Z	.285	.285	0	%100
85	MP4C	X	-.493	-.493	0	%100
86	MP4C	Z	.285	.285	0	%100
87	MP3C	X	-.493	-.493	0	%100
88	MP3C	Z	.285	.285	0	%100
89	MP3B	X	-.493	-.493	0	%100
90	MP3B	Z	.285	.285	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.203	-1.203	0	%100
2	M1	Z	0	0	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
3	M2	X	-1.203	-1.203	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.899	-.899	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.899	-.899	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-1.203	-1.203	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.203	-1.203	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.154	-1.154	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-1.154	-1.154	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-1.031	-1.031	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-.325	-.325	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-.563	-.563	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.141	-.141	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-.141	-.141	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.067	-.067	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-.067	-.067	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.067	-.067	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-.067	-.067	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-.799	-.799	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-.799	-.799	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-.04	-.04	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-.04	-.04	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-.04	-.04	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-.04	-.04	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-.04	-.04	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-.04	-.04	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-.04	-.04	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-.545	-.545	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
66	M33	Z	0	0	0	%100
67	MP1A	X	-.569	-.569	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	-.569	-.569	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	-.569	-.569	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	-.569	-.569	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	-.569	-.569	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	-.569	-.569	0	%100
78	MP2B	Z	0	0	0	%100
79	MP4B	X	-.569	-.569	0	%100
80	MP4B	Z	0	0	0	%100
81	MP1C	X	-.569	-.569	0	%100
82	MP1C	Z	0	0	0	%100
83	MP2C	X	-.569	-.569	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	-.569	-.569	0	%100
86	MP4C	Z	0	0	0	%100
87	MP3C	X	-.569	-.569	0	%100
88	MP3C	Z	0	0	0	%100
89	MP3B	X	-.569	-.569	0	%100
90	MP3B	Z	0	0	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.347	-.347	0	%100
2	M1	Z	-.201	-.201	0	%100
3	M2	X	-1.39	-1.39	0	%100
4	M2	Z	-.802	-.802	0	%100
5	M3	X	-.347	-.347	0	%100
6	M3	Z	-.201	-.201	0	%100
7	M4	X	-.259	-.259	0	%100
8	M4	Z	-.15	-.15	0	%100
9	M5	X	-1.038	-1.038	0	%100
10	M5	Z	-.599	-.599	0	%100
11	M6	X	-.259	-.259	0	%100
12	M6	Z	-.15	-.15	0	%100
13	M7	X	-.347	-.347	0	%100
14	M7	Z	-.201	-.201	0	%100
15	M8	X	-1.39	-1.39	0	%100
16	M8	Z	-.802	-.802	0	%100
17	M9	X	-.347	-.347	0	%100
18	M9	Z	-.201	-.201	0	%100
19	M10	X	-.333	-.333	0	%100
20	M10	Z	-.192	-.192	0	%100
21	M11	X	-1.332	-1.332	0	%100
22	M11	Z	-.769	-.769	0	%100
23	M12	X	-.333	-.333	0	%100
24	M12	Z	-.192	-.192	0	%100
25	M13	X	-.298	-.298	0	%100
26	M13	Z	-.172	-.172	0	%100
27	M14	X	-.845	-.845	0	%100
28	M14	Z	-.488	-.488	0	%100
29	M15	X	-.365	-.365	0	%100
30	M15	Z	-.211	-.211	0	%100
31	M16	X	-.365	-.365	0	%100
32	M16	Z	-.211	-.211	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
35	M18	X	-.019	-.019	0	%100
36	M18	Z	-.011	-.011	0	%100
37	M19	X	-.019	-.019	0	%100
38	M19	Z	-.011	-.011	0	%100
39	M20	X	-.078	-.078	0	%100
40	M20	Z	-.045	-.045	0	%100
41	M21	X	-.078	-.078	0	%100
42	M21	Z	-.045	-.045	0	%100
43	M22	X	-.019	-.019	0	%100
44	M22	Z	-.011	-.011	0	%100
45	M23	X	-.019	-.019	0	%100
46	M23	Z	-.011	-.011	0	%100
47	M24	X	-.692	-.692	0	%100
48	M24	Z	-.399	-.399	0	%100
49	M25	X	-.692	-.692	0	%100
50	M25	Z	-.399	-.399	0	%100
51	M26	X	-.103	-.103	0	%100
52	M26	Z	-.06	-.06	0	%100
53	M27	X	-.103	-.103	0	%100
54	M27	Z	-.06	-.06	0	%100
55	M28	X	-.103	-.103	0	%100
56	M28	Z	-.06	-.06	0	%100
57	M29	X	-.103	-.103	0	%100
58	M29	Z	-.06	-.06	0	%100
59	M30	X	-.103	-.103	0	%100
60	M30	Z	-.06	-.06	0	%100
61	M31	X	-.103	-.103	0	%100
62	M31	Z	-.06	-.06	0	%100
63	M32	X	-.103	-.103	0	%100
64	M32	Z	-.06	-.06	0	%100
65	M33	X	-.472	-.472	0	%100
66	M33	Z	-.273	-.273	0	%100
67	MP1A	X	-.493	-.493	0	%100
68	MP1A	Z	-.285	-.285	0	%100
69	MP2A	X	-.493	-.493	0	%100
70	MP2A	Z	-.285	-.285	0	%100
71	MP3A	X	-.493	-.493	0	%100
72	MP3A	Z	-.285	-.285	0	%100
73	MP4A	X	-.493	-.493	0	%100
74	MP4A	Z	-.285	-.285	0	%100
75	MP1B	X	-.493	-.493	0	%100
76	MP1B	Z	-.285	-.285	0	%100
77	MP2B	X	-.493	-.493	0	%100
78	MP2B	Z	-.285	-.285	0	%100
79	MP4B	X	-.493	-.493	0	%100
80	MP4B	Z	-.285	-.285	0	%100
81	MP1C	X	-.493	-.493	0	%100
82	MP1C	Z	-.285	-.285	0	%100
83	MP2C	X	-.493	-.493	0	%100
84	MP2C	Z	-.285	-.285	0	%100
85	MP4C	X	-.493	-.493	0	%100
86	MP4C	Z	-.285	-.285	0	%100
87	MP3C	X	-.493	-.493	0	%100
88	MP3C	Z	-.285	-.285	0	%100
89	MP3B	X	-.493	-.493	0	%100
90	MP3B	Z	-.285	-.285	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.602	-.602	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	-1.042	-1.042	0	%100
5	M3	X	-.602	-.602	0	%100
6	M3	Z	-1.042	-1.042	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.449	-.449	0	%100
10	M5	Z	-.778	-.778	0	%100
11	M6	X	-.449	-.449	0	%100
12	M6	Z	-.778	-.778	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-.602	-.602	0	%100
16	M8	Z	-1.042	-1.042	0	%100
17	M9	X	-.602	-.602	0	%100
18	M9	Z	-1.042	-1.042	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-.577	-.577	0	%100
22	M11	Z	-.999	-.999	0	%100
23	M12	X	-.577	-.577	0	%100
24	M12	Z	-.999	-.999	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-.65	-.65	0	%100
28	M14	Z	-1.126	-1.126	0	%100
29	M15	X	-.07	-.07	0	%100
30	M15	Z	-.122	-.122	0	%100
31	M16	X	-.281	-.281	0	%100
32	M16	Z	-.487	-.487	0	%100
33	M17	X	-.07	-.07	0	%100
34	M17	Z	-.122	-.122	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.034	-.034	0	%100
40	M20	Z	-.058	-.058	0	%100
41	M21	X	-.034	-.034	0	%100
42	M21	Z	-.058	-.058	0	%100
43	M22	X	-.034	-.034	0	%100
44	M22	Z	-.058	-.058	0	%100
45	M23	X	-.034	-.034	0	%100
46	M23	Z	-.058	-.058	0	%100
47	M24	X	-.399	-.399	0	%100
48	M24	Z	-.692	-.692	0	%100
49	M25	X	-.399	-.399	0	%100
50	M25	Z	-.692	-.692	0	%100
51	M26	X	-.079	-.079	0	%100
52	M26	Z	-.137	-.137	0	%100
53	M27	X	-.079	-.079	0	%100
54	M27	Z	-.137	-.137	0	%100
55	M28	X	-.079	-.079	0	%100
56	M28	Z	-.137	-.137	0	%100
57	M29	X	-.079	-.079	0	%100
58	M29	Z	-.137	-.137	0	%100
59	M30	X	-.079	-.079	0	%100
60	M30	Z	-.137	-.137	0	%100
61	M31	X	-.079	-.079	0	%100
62	M31	Z	-.137	-.137	0	%100
63	M32	X	-.079	-.079	0	%100
64	M32	Z	-.137	-.137	0	%100
65	M33	X	-.273	-.273	0	%100
66	M33	Z	-.472	-.472	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
67	MP1A	X	-.285	-.285	0	%100
68	MP1A	Z	-.493	-.493	0	%100
69	MP2A	X	-.285	-.285	0	%100
70	MP2A	Z	-.493	-.493	0	%100
71	MP3A	X	-.285	-.285	0	%100
72	MP3A	Z	-.493	-.493	0	%100
73	MP4A	X	-.285	-.285	0	%100
74	MP4A	Z	-.493	-.493	0	%100
75	MP1B	X	-.285	-.285	0	%100
76	MP1B	Z	-.493	-.493	0	%100
77	MP2B	X	-.285	-.285	0	%100
78	MP2B	Z	-.493	-.493	0	%100
79	MP4B	X	-.285	-.285	0	%100
80	MP4B	Z	-.493	-.493	0	%100
81	MP1C	X	-.285	-.285	0	%100
82	MP1C	Z	-.493	-.493	0	%100
83	MP2C	X	-.285	-.285	0	%100
84	MP2C	Z	-.493	-.493	0	%100
85	MP4C	X	-.285	-.285	0	%100
86	MP4C	Z	-.493	-.493	0	%100
87	MP3C	X	-.285	-.285	0	%100
88	MP3C	Z	-.493	-.493	0	%100
89	MP3B	X	-.285	-.285	0	%100
90	MP3B	Z	-.493	-.493	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-.155	-2.732	0	1.1
2	M1	Y	-2.732	-5.484	1.1	2.2
3	M1	Y	-5.484	-5.172	2.2	3.3
4	M1	Y	-5.172	-2.26	3.3	4.4
5	M1	Y	-2.26	-.155	4.4	5.5
6	M9	Y	-.191	-2.285	0	1.1
7	M9	Y	-2.285	-5.53	1.1	2.2
8	M9	Y	-5.53	-6.663	2.2	3.3
9	M9	Y	-6.663	-3.72	3.3	4.4
10	M9	Y	-3.72	-.191	4.4	5.5
11	M11	Y	-.439	-3.795	0	.933
12	M11	Y	-3.795	-5.305	.933	1.867
13	M11	Y	-5.305	-5.008	1.867	2.8
14	M11	Y	-5.008	-3.525	2.8	3.733
15	M11	Y	-3.525	-.815	3.733	4.667
16	M48	Y	-.299	-.299	.019	.146
17	M49	Y	-.299	-.299	.019	.146
18	M2	Y	-.174	-3.947	.55	1.54
19	M2	Y	-3.947	-7.09	1.54	2.53
20	M2	Y	-7.09	-5.617	2.53	3.52
21	M2	Y	-5.617	-2.037	3.52	4.51
22	M2	Y	-2.037	-.174	4.51	5.5
23	M7	Y	-.155	-2.268	0	1.1
24	M7	Y	-2.268	-5.213	1.1	2.2
25	M7	Y	-5.213	-5.517	2.2	3.3
26	M7	Y	-5.517	-2.733	3.3	4.4
27	M7	Y	-2.733	-.155	4.4	5.5
28	M12	Y	-.802	-3.55	0	.933
29	M12	Y	-3.55	-5.047	.933	1.867
30	M12	Y	-5.047	-5.328	1.867	2.8
31	M12	Y	-5.328	-3.801	2.8	3.733
32	M12	Y	-3.801	-.431	3.733	4.667
33	M50	Y	-.299	-.299	.019	.146
34	M51	Y	-.299	-.299	.019	.146
35	M71	Y	-5.53	-5.53	0	.25

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
36	M3	Y	.155	.008	4.4	4.767
37	M3	Y	.008	-1.071	4.767	5.133
38	M3	Y	-1.071	-2.935	5.133	5.5
39	M6	Y	-1.567	-4.211	0	.333
40	M6	Y	-4.211	-4.211	.333	.667
41	M6	Y	-4.211	-1.567	.667	1
42	M9	Y	-2.933	-1.07	0	.367
43	M9	Y	-1.07	.008	.367	.733
44	M9	Y	.008	.155	.733	1.1
45	M10	Y	-2.746	-1.692	0	.233
46	M10	Y	-1.692	-.549	.233	.467
47	M10	Y	-.549	.066	.467	.7
48	M10	Y	.066	.066	.7	.933
49	M11	Y	.066	.066	3.733	3.967
50	M11	Y	.066	-.55	3.967	4.2
51	M11	Y	-.55	-1.693	4.2	4.433
52	M11	Y	-1.693	-2.748	4.433	4.667
53	M46	Y	-3.194	-3.194	.091	.128
54	M49	Y	-3.156	-3.156	.09	.128
55	M2	Y	.155	.008	4.4	4.767
56	M2	Y	.008	-1.07	4.767	5.133
57	M2	Y	-1.07	-2.933	5.133	5.5
58	M5	Y	-1.567	-4.211	0	.333
59	M5	Y	-4.211	-4.211	.333	.667
60	M5	Y	-4.211	-1.567	.667	1
61	M8	Y	-2.935	-1.071	0	.367
62	M8	Y	-1.071	.008	.367	.733
63	M8	Y	.008	.155	.733	1.1
64	M10	Y	.066	.066	3.733	3.967
65	M10	Y	.066	-.549	3.967	4.2
66	M10	Y	-.549	-1.692	4.2	4.433
67	M10	Y	-1.692	-2.746	4.433	4.667
68	M12	Y	-2.748	-1.693	0	.233
69	M12	Y	-1.693	-.55	.233	.467
70	M12	Y	-.55	.066	.467	.7
71	M12	Y	.066	.066	.7	.933
72	M47	Y	-3.194	-3.194	.091	.128
73	M50	Y	-3.156	-3.156	.09	.128
74	M1	Y	.155	.008	4.4	4.767
75	M1	Y	.008	-1.07	4.767	5.133
76	M1	Y	-1.07	-2.933	5.133	5.5
77	M4	Y	-1.567	-4.211	0	.333
78	M4	Y	-4.211	-4.211	.333	.667
79	M4	Y	-4.211	-1.567	.667	1
80	M7	Y	-2.935	-1.071	0	.367
81	M7	Y	-1.071	.008	.367	.733
82	M7	Y	.008	.155	.733	1.1
83	M11	Y	-2.748	-1.693	0	.233
84	M11	Y	-1.693	-.55	.233	.467
85	M11	Y	-.55	.066	.467	.7
86	M11	Y	.066	.066	.7	.933
87	M12	Y	.066	.066	3.733	3.967
88	M12	Y	.066	-.549	3.967	4.2
89	M12	Y	-.549	-1.692	4.2	4.433
90	M12	Y	-1.692	-2.746	4.433	4.667
91	M48	Y	-3.156	-3.156	.09	.128
92	M51	Y	-3.194	-3.194	.091	.128
93	M3	Y	-1.565	-3.527	.724	1.066
94	M3	Y	-3.527	-2.2	1.066	1.408
95	M3	Y	-2.2	-1.734	1.408	1.75
96	M3	Y	-1.734	-5.419	1.75	2.092
97	M8	Y	-1.347	-1.347	2.75	5.5
98	M13	Y	-3.469	-2.709	0	1.345

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
99	M13	Y	-2.709	-1.95	1.345	2.691
100	M8	Y	-.003	-.71	0	.66
101	M8	Y	-.71	-2.479	.66	1.32
102	M8	Y	-2.479	-3.979	1.32	1.98
103	M8	Y	-3.979	-2.195	1.98	2.64
104	M8	Y	-2.195	-.003	2.64	3.3
105	M10	Y	-.067	-3.075	1.867	2.427
106	M10	Y	-3.075	-5.322	2.427	2.987
107	M10	Y	-5.322	-3.608	2.987	3.547
108	M10	Y	-3.608	-1.985	3.547	4.107
109	M10	Y	-1.985	-.645	4.107	4.667
110	M13	Y	-1.298	-4.373	1.076	1.614
111	M13	Y	-4.373	-4.623	1.614	2.152
112	M13	Y	-4.623	-2.047	2.152	2.691
113	M47	Y	-.312	-.312	.019	.148
114	M3	Y	-.019	-.716	2.2	2.86
115	M3	Y	-.716	-1.852	2.86	3.52
116	M3	Y	-1.852	-2.047	3.52	4.18
117	M3	Y	-2.047	-.846	4.18	4.84
118	M3	Y	-.846	-.019	4.84	5.5
119	M10	Y	-.274	-1.696	0	.373
120	M10	Y	-1.696	-2.19	.373	.747
121	M10	Y	-2.19	-1.022	.747	1.12
122	M10	Y	-1.022	-.071	1.12	1.493
123	M10	Y	-.071	-.071	1.493	1.867
124	M13	Y	-.164	-.164	0	.687
125	M14	Y	-.098	-1.14	0	.4
126	M14	Y	-1.14	-2.502	.4	.8
127	M14	Y	-2.502	-2.569	.8	1.2
128	M14	Y	-2.569	-1.284	1.2	1.6
129	M14	Y	-1.284	-.098	1.6	2
130	M46	Y	-.308	-.308	.019	.147

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-.369	-6.495	0	1.1
2	M1	Y	-6.495	-13.036	1.1	2.2
3	M1	Y	-13.036	-12.295	2.2	3.3
4	M1	Y	-12.295	-5.371	3.3	4.4
5	M1	Y	-5.371	-.369	4.4	5.5
6	M9	Y	-.453	-5.432	0	1.1
7	M9	Y	-5.432	-13.145	1.1	2.2
8	M9	Y	-13.145	-15.838	2.2	3.3
9	M9	Y	-15.838	-8.842	3.3	4.4
10	M9	Y	-8.842	-.453	4.4	5.5
11	M11	Y	-1.044	-9.02	0	.933
12	M11	Y	-9.02	-12.61	.933	1.867
13	M11	Y	-12.61	-11.905	1.867	2.8
14	M11	Y	-11.905	-8.378	2.8	3.733
15	M11	Y	-8.378	-1.937	3.733	4.667
16	M48	Y	-.711	-.711	.019	.146
17	M49	Y	-.711	-.711	.019	.146
18	M2	Y	-.412	-9.382	.55	1.54
19	M2	Y	-9.382	-16.853	1.54	2.53
20	M2	Y	-16.853	-13.352	2.53	3.52
21	M2	Y	-13.352	-4.842	3.52	4.51
22	M2	Y	-4.842	-.412	4.51	5.5
23	M7	Y	-.369	-5.392	0	1.1
24	M7	Y	-5.392	-12.393	1.1	2.2
25	M7	Y	-12.393	-13.113	2.2	3.3
26	M7	Y	-13.113	-6.496	3.3	4.4
27	M7	Y	-6.496	-.369	4.4	5.5

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
28	M12	Y	-1.906	-8.439	0	.933
29	M12	Y	-8.439	-11.997	.933	1.867
30	M12	Y	-11.997	-12.664	1.867	2.8
31	M12	Y	-12.664	-9.036	2.8	3.733
32	M12	Y	-9.036	-1.026	3.733	4.667
33	M50	Y	-.711	-.711	.019	.146
34	M51	Y	-.711	-.711	.019	.146
35	M71	Y	-13.146	-13.146	0	.25
36	M3	Y	.369	.02	4.4	4.767
37	M3	Y	.02	-2.546	4.767	5.133
38	M3	Y	-2.546	-6.978	5.133	5.5
39	M6	Y	-3.726	-10.01	0	.333
40	M6	Y	-10.01	-10.009	.333	.667
41	M6	Y	-10.009	-3.725	.667	1
42	M9	Y	-6.972	-2.544	0	.367
43	M9	Y	-2.544	.02	.367	.733
44	M9	Y	.02	.369	.733	1.1
45	M10	Y	-6.527	-4.021	0	.233
46	M10	Y	-4.021	-1.306	.233	.467
47	M10	Y	-1.306	.157	.467	.7
48	M10	Y	.157	.157	.7	.933
49	M11	Y	.157	.157	3.733	3.967
50	M11	Y	.157	-1.307	3.967	4.2
51	M11	Y	-1.307	-4.024	4.2	4.433
52	M11	Y	-4.024	-6.533	4.433	4.667
53	M46	Y	-7.593	-7.593	.091	.128
54	M49	Y	-7.501	-7.501	.09	.128
55	M2	Y	.369	.02	4.4	4.767
56	M2	Y	.02	-2.544	4.767	5.133
57	M2	Y	-2.544	-6.972	5.133	5.5
58	M5	Y	-3.725	-10.009	0	.333
59	M5	Y	-10.009	-10.01	.333	.667
60	M5	Y	-10.01	-3.726	.667	1
61	M8	Y	-6.978	-2.546	0	.367
62	M8	Y	-2.546	.02	.367	.733
63	M8	Y	.02	.369	.733	1.1
64	M10	Y	.157	.157	3.733	3.967
65	M10	Y	.157	-1.306	3.967	4.2
66	M10	Y	-1.306	-4.021	4.2	4.433
67	M10	Y	-4.021	-6.527	4.433	4.667
68	M12	Y	-6.533	-4.024	0	.233
69	M12	Y	-4.024	-1.307	.233	.467
70	M12	Y	-1.307	.157	.467	.7
71	M12	Y	.157	.157	.7	.933
72	M47	Y	-7.593	-7.593	.091	.128
73	M50	Y	-7.501	-7.501	.09	.128
74	M1	Y	.369	.02	4.4	4.767
75	M1	Y	.02	-2.544	4.767	5.133
76	M1	Y	-2.544	-6.972	5.133	5.5
77	M4	Y	-3.725	-10.009	0	.333
78	M4	Y	-10.009	-10.01	.333	.667
79	M4	Y	-10.01	-3.726	.667	1
80	M7	Y	-6.978	-2.546	0	.367
81	M7	Y	-2.546	.02	.367	.733
82	M7	Y	.02	.369	.733	1.1
83	M11	Y	-6.533	-4.024	0	.233
84	M11	Y	-4.024	-1.307	.233	.467
85	M11	Y	-1.307	.157	.467	.7
86	M11	Y	.157	.157	.7	.933
87	M12	Y	.157	.157	3.733	3.967
88	M12	Y	.157	-1.306	3.967	4.2
89	M12	Y	-1.306	-4.021	4.2	4.433
90	M12	Y	-4.021	-6.527	4.433	4.667

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
91	M48	Y	-7.501	-7.501	.09	.128
92	M51	Y	-7.593	-7.593	.091	.128
93	M3	Y	-3.72	-8.384	.724	1.066
94	M3	Y	-8.384	-5.23	1.066	1.408
95	M3	Y	-5.23	-4.123	1.408	1.75
96	M3	Y	-4.123	-12.88	1.75	2.092
97	M8	Y	-3.201	-3.201	2.75	5.5
98	M13	Y	-8.245	-6.441	0	1.345
99	M13	Y	-6.441	-4.636	1.345	2.691
100	M8	Y	-.007	-1.688	0	.66
101	M8	Y	-1.688	-5.892	.66	1.32
102	M8	Y	-5.892	-9.458	1.32	1.98
103	M8	Y	-9.458	-5.217	1.98	2.64
104	M8	Y	-5.217	-.007	2.64	3.3
105	M10	Y	-.159	-7.309	1.867	2.427
106	M10	Y	-7.309	-12.651	2.427	2.987
107	M10	Y	-12.651	-8.578	2.987	3.547
108	M10	Y	-8.578	-4.719	3.547	4.107
109	M10	Y	-4.719	-1.532	4.107	4.667
110	M13	Y	-3.085	-10.395	1.076	1.614
111	M13	Y	-10.395	-10.989	1.614	2.152
112	M13	Y	-10.989	-4.866	2.152	2.691
113	M47	Y	-.741	-.741	.019	.148
114	M3	Y	-.046	-1.701	2.2	2.86
115	M3	Y	-1.701	-4.401	2.86	3.52
116	M3	Y	-4.401	-4.866	3.52	4.18
117	M3	Y	-4.866	-2.01	4.18	4.84
118	M3	Y	-2.01	-.046	4.84	5.5
119	M10	Y	-.652	-4.031	0	.373
120	M10	Y	-4.031	-5.205	.373	.747
121	M10	Y	-5.205	-2.429	.747	1.12
122	M10	Y	-2.429	-.169	1.12	1.493
123	M10	Y	-.169	-.169	1.493	1.867
124	M13	Y	-.39	-.39	0	.687
125	M14	Y	-.234	-2.711	0	.4
126	M14	Y	-2.711	-5.948	.4	.8
127	M14	Y	-5.948	-6.107	.8	1.2
128	M14	Y	-6.107	-3.051	1.2	1.6
129	M14	Y	-3.051	-.234	1.6	2
130	M46	Y	-.731	-.731	.019	.147

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-.006	-.106	0	1.1
2	M1	Y	-.106	-.212	1.1	2.2
3	M1	Y	-.212	-.2	2.2	3.3
4	M1	Y	-.2	-.087	3.3	4.4
5	M1	Y	-.087	-.006	4.4	5.5
6	M9	Y	-.007	-.088	0	1.1
7	M9	Y	-.088	-.214	1.1	2.2
8	M9	Y	-.214	-.258	2.2	3.3
9	M9	Y	-.258	-.144	3.3	4.4
10	M9	Y	-.144	-.007	4.4	5.5
11	M11	Y	-.017	-.147	0	.933
12	M11	Y	-.147	-.205	.933	1.867
13	M11	Y	-.205	-.194	1.867	2.8
14	M11	Y	-.194	-.136	2.8	3.733
15	M11	Y	-.136	-.032	3.733	4.667
16	M48	Y	-.012	-.012	.019	.146
17	M49	Y	-.012	-.012	.019	.146
18	M2	Y	-.007	-.153	.55	1.54
19	M2	Y	-.153	-.274	1.54	2.53

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
20	M2	Y	-.274	-.217	2.53	3.52
21	M2	Y	-.217	-.079	3.52	4.51
22	M2	Y	-.079	-.007	4.51	5.5
23	M7	Y	-.006	-.088	0	1.1
24	M7	Y	-.088	-.202	1.1	2.2
25	M7	Y	-.202	-.213	2.2	3.3
26	M7	Y	-.213	-.106	3.3	4.4
27	M7	Y	-.106	-.006	4.4	5.5
28	M12	Y	-.031	-.137	0	.933
29	M12	Y	-.137	-.195	.933	1.867
30	M12	Y	-.195	-.206	1.867	2.8
31	M12	Y	-.206	-.147	2.8	3.733
32	M12	Y	-.147	-.017	3.733	4.667
33	M50	Y	-.012	-.012	.019	.146
34	M51	Y	-.012	-.012	.019	.146
35	M71	Y	-.214	-.214	0	.25
36	M3	Y	.006	.0003174	4.4	4.767
37	M3	Y	.0003174	-.041	4.767	5.133
38	M3	Y	-.041	-.113	5.133	5.5
39	M6	Y	-.061	-.163	0	.333
40	M6	Y	-.163	-.163	.333	.667
41	M6	Y	-.163	-.061	.667	1
42	M9	Y	-.113	-.041	0	.367
43	M9	Y	-.041	.0003185	.367	.733
44	M9	Y	.0003185	.006	.733	1.1
45	M10	Y	-.106	-.065	0	.233
46	M10	Y	-.065	-.021	.233	.467
47	M10	Y	-.021	.003	.467	.7
48	M10	Y	.003	.003	.7	.933
49	M11	Y	.003	.003	3.733	3.967
50	M11	Y	.003	-.021	3.967	4.2
51	M11	Y	-.021	-.065	4.2	4.433
52	M11	Y	-.065	-.106	4.433	4.667
53	M46	Y	-.123	-.123	.091	.128
54	M49	Y	-.122	-.122	.09	.128
55	M2	Y	.006	.0003185	4.4	4.767
56	M2	Y	.0003185	-.041	4.767	5.133
57	M2	Y	-.041	-.113	5.133	5.5
58	M5	Y	-.061	-.163	0	.333
59	M5	Y	-.163	-.163	.333	.667
60	M5	Y	-.163	-.061	.667	1
61	M8	Y	-.113	-.041	0	.367
62	M8	Y	-.041	.0003174	.367	.733
63	M8	Y	.0003174	.006	.733	1.1
64	M10	Y	.003	.003	3.733	3.967
65	M10	Y	.003	-.021	3.967	4.2
66	M10	Y	-.021	-.065	4.2	4.433
67	M10	Y	-.065	-.106	4.433	4.667
68	M12	Y	-.106	-.065	0	.233
69	M12	Y	-.065	-.021	.233	.467
70	M12	Y	-.021	.003	.467	.7
71	M12	Y	.003	.003	.7	.933
72	M47	Y	-.123	-.123	.091	.128
73	M50	Y	-.122	-.122	.09	.128
74	M1	Y	.006	.0003185	4.4	4.767
75	M1	Y	.0003185	-.041	4.767	5.133
76	M1	Y	-.041	-.113	5.133	5.5
77	M4	Y	-.061	-.163	0	.333
78	M4	Y	-.163	-.163	.333	.667
79	M4	Y	-.163	-.061	.667	1
80	M7	Y	-.113	-.041	0	.367
81	M7	Y	-.041	.0003174	.367	.733
82	M7	Y	.0003174	.006	.733	1.1

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
83	M11	Y	-.106	-.065	0	.233
84	M11	Y	-.065	-.021	.233	.467
85	M11	Y	-.021	.003	.467	.7
86	M11	Y	.003	.003	.7	.933
87	M12	Y	.003	.003	3.733	3.967
88	M12	Y	.003	-.021	3.967	4.2
89	M12	Y	-.021	-.065	4.2	4.433
90	M12	Y	-.065	-.106	4.433	4.667
91	M48	Y	-.122	-.122	.09	.128
92	M51	Y	-.123	-.123	.091	.128
93	M3	Y	-.06	-.136	.724	1.066
94	M3	Y	-.136	-.085	1.066	1.408
95	M3	Y	-.085	-.067	1.408	1.75
96	M3	Y	-.067	-.209	1.75	2.092
97	M8	Y	-.052	-.052	2.75	5.5
98	M13	Y	-.134	-.105	0	1.345
99	M13	Y	-.105	-.075	1.345	2.691
100	M8	Y	-.0001208	-.027	0	.66
101	M8	Y	-.027	-.096	.66	1.32
102	M8	Y	-.096	-.154	1.32	1.98
103	M8	Y	-.154	-.085	1.98	2.64
104	M8	Y	-.085	-.0001208	2.64	3.3
105	M10	Y	-.003	-.119	1.867	2.427
106	M10	Y	-.119	-.206	2.427	2.987
107	M10	Y	-.206	-.139	2.987	3.547
108	M10	Y	-.139	-.077	3.547	4.107
109	M10	Y	-.077	-.025	4.107	4.667
110	M13	Y	-.05	-.169	1.076	1.614
111	M13	Y	-.169	-.179	1.614	2.152
112	M13	Y	-.179	-.079	2.152	2.691
113	M47	Y	-.012	-.012	.019	.148
114	M3	Y	-.0007417	-.028	2.2	2.86
115	M3	Y	-.028	-.072	2.86	3.52
116	M3	Y	-.072	-.079	3.52	4.18
117	M3	Y	-.079	-.033	4.18	4.84
118	M3	Y	-.033	-.0007417	4.84	5.5
119	M10	Y	-.011	-.066	0	.373
120	M10	Y	-.066	-.085	.373	.747
121	M10	Y	-.085	-.04	.747	1.12
122	M10	Y	-.04	-.003	1.12	1.493
123	M10	Y	-.003	-.003	1.493	1.867
124	M13	Y	-.006	-.006	0	.687
125	M14	Y	-.004	-.044	0	.4
126	M14	Y	-.044	-.097	.4	.8
127	M14	Y	-.097	-.099	.8	1.2
128	M14	Y	-.099	-.05	1.2	1.6
129	M14	Y	-.05	-.004	1.6	2
130	M46	Y	-.012	-.012	.019	.147

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Z	-.015	-.264	0	1.1
2	M1	Z	-.264	-.529	1.1	2.2
3	M1	Z	-.529	-.499	2.2	3.3
4	M1	Z	-.499	-.218	3.3	4.4
5	M1	Z	-.218	-.015	4.4	5.5
6	M9	Z	-.018	-.221	0	1.1
7	M9	Z	-.221	-.534	1.1	2.2
8	M9	Z	-.534	-.643	2.2	3.3
9	M9	Z	-.643	-.359	3.3	4.4
10	M9	Z	-.359	-.018	4.4	5.5
11	M11	Z	-.042	-.366	0	.933

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	M11	Z	-.366	-.512	.933	1.867
13	M11	Z	-.512	-.483	1.867	2.8
14	M11	Z	-.483	-.34	2.8	3.733
15	M11	Z	-.34	-.079	3.733	4.667
16	M48	Z	-.029	-.029	.019	.146
17	M49	Z	-.029	-.029	.019	.146
18	M2	Z	-.017	-.381	.55	1.54
19	M2	Z	-.381	-.684	1.54	2.53
20	M2	Z	-.684	-.542	2.53	3.52
21	M2	Z	-.542	-.197	3.52	4.51
22	M2	Z	-.197	-.017	4.51	5.5
23	M7	Z	-.015	-.219	0	1.1
24	M7	Z	-.219	-.503	1.1	2.2
25	M7	Z	-.503	-.533	2.2	3.3
26	M7	Z	-.533	-.264	3.3	4.4
27	M7	Z	-.264	-.015	4.4	5.5
28	M12	Z	-.077	-.343	0	.933
29	M12	Z	-.343	-.487	.933	1.867
30	M12	Z	-.487	-.514	1.867	2.8
31	M12	Z	-.514	-.367	2.8	3.733
32	M12	Z	-.367	-.042	3.733	4.667
33	M50	Z	-.029	-.029	.019	.146
34	M51	Z	-.029	-.029	.019	.146
35	M71	Z	-.534	-.534	0	.25
36	M3	Z	.015	.0007926	4.4	4.767
37	M3	Z	.0007926	-.103	4.767	5.133
38	M3	Z	-.103	-.283	5.133	5.5
39	M6	Z	-.151	-.407	0	.333
40	M6	Z	-.407	-.406	.333	.667
41	M6	Z	-.406	-.151	.667	1
42	M9	Z	-.283	-.103	0	.367
43	M9	Z	-.103	.0007954	.367	.733
44	M9	Z	.0007954	.015	.733	1.1
45	M10	Z	-.265	-.163	0	.233
46	M10	Z	-.163	-.053	.233	.467
47	M10	Z	-.053	.006	.467	.7
48	M10	Z	.006	.006	.7	.933
49	M11	Z	.006	.006	3.733	3.967
50	M11	Z	.006	-.053	3.967	4.2
51	M11	Z	-.053	-.163	4.2	4.433
52	M11	Z	-.163	-.265	4.433	4.667
53	M46	Z	-.308	-.308	.091	.128
54	M49	Z	-.305	-.305	.09	.128
55	M2	Z	.015	.0007954	4.4	4.767
56	M2	Z	.0007954	-.103	4.767	5.133
57	M2	Z	-.103	-.283	5.133	5.5
58	M5	Z	-.151	-.406	0	.333
59	M5	Z	-.406	-.407	.333	.667
60	M5	Z	-.407	-.151	.667	1
61	M8	Z	-.283	-.103	0	.367
62	M8	Z	-.103	.0007926	.367	.733
63	M8	Z	.0007926	.015	.733	1.1
64	M10	Z	.006	.006	3.733	3.967
65	M10	Z	.006	-.053	3.967	4.2
66	M10	Z	-.053	-.163	4.2	4.433
67	M10	Z	-.163	-.265	4.433	4.667
68	M12	Z	-.265	-.163	0	.233
69	M12	Z	-.163	-.053	.233	.467
70	M12	Z	-.053	.006	.467	.7
71	M12	Z	.006	.006	.7	.933
72	M47	Z	-.308	-.308	.091	.128
73	M50	Z	-.305	-.305	.09	.128
74	M1	Z	.015	.0007954	4.4	4.767

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
75	M1	Z	.0007954	-.103	4.767	5.133
76	M1	Z	-.103	-.283	5.133	5.5
77	M4	Z	-.151	-.406	0	.333
78	M4	Z	-.406	-.407	.333	.667
79	M4	Z	-.407	-.151	.667	1
80	M7	Z	-.283	-.103	0	.367
81	M7	Z	-.103	.0007926	.367	.733
82	M7	Z	.0007926	.015	.733	1.1
83	M11	Z	-.265	-.163	0	.233
84	M11	Z	-.163	-.053	.233	.467
85	M11	Z	-.053	.006	.467	.7
86	M11	Z	.006	.006	.7	.933
87	M12	Z	.006	.006	3.733	3.967
88	M12	Z	.006	-.053	3.967	4.2
89	M12	Z	-.053	-.163	4.2	4.433
90	M12	Z	-.163	-.265	4.433	4.667
91	M48	Z	-.305	-.305	.09	.128
92	M51	Z	-.308	-.308	.091	.128
93	M3	Z	-.151	-.34	.724	1.066
94	M3	Z	-.34	-.212	1.066	1.408
95	M3	Z	-.212	-.167	1.408	1.75
96	M3	Z	-.167	-.523	1.75	2.092
97	M8	Z	-.13	-.13	2.75	5.5
98	M13	Z	-.335	-.262	0	1.345
99	M13	Z	-.262	-.188	1.345	2.691
100	M8	Z	-.0003017	-.069	0	.66
101	M8	Z	-.069	-.239	.66	1.32
102	M8	Z	-.239	-.384	1.32	1.98
103	M8	Z	-.384	-.212	1.98	2.64
104	M8	Z	-.212	-.0003017	2.64	3.3
105	M10	Z	-.006	-.297	1.867	2.427
106	M10	Z	-.297	-.514	2.427	2.987
107	M10	Z	-.514	-.348	2.987	3.547
108	M10	Z	-.348	-.192	3.547	4.107
109	M10	Z	-.192	-.062	4.107	4.667
110	M13	Z	-.125	-.422	1.076	1.614
111	M13	Z	-.422	-.446	1.614	2.152
112	M13	Z	-.446	-.198	2.152	2.691
113	M47	Z	-.03	-.03	.019	.148
114	M3	Z	-.002	-.069	2.2	2.86
115	M3	Z	-.069	-.179	2.86	3.52
116	M3	Z	-.179	-.198	3.52	4.18
117	M3	Z	-.198	-.082	4.18	4.84
118	M3	Z	-.082	-.002	4.84	5.5
119	M10	Z	-.026	-.164	0	.373
120	M10	Z	-.164	-.211	.373	.747
121	M10	Z	-.211	-.099	.747	1.12
122	M10	Z	-.099	-.007	1.12	1.493
123	M10	Z	-.007	-.007	1.493	1.867
124	M13	Z	-.016	-.016	0	.687
125	M14	Z	-.009	-.11	0	.4
126	M14	Z	-.11	-.242	.4	.8
127	M14	Z	-.242	-.248	.8	1.2
128	M14	Z	-.248	-.124	1.2	1.6
129	M14	Z	-.124	-.009	1.6	2
130	M46	Z	-.03	-.03	.019	.147

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.015	.264	0	1.1
2	M1	X	.264	.529	1.1	2.2
3	M1	X	.529	.499	2.2	3.3

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M1	X	.499	.218	3.3	4.4
5	M1	X	.218	.015	4.4	5.5
6	M9	X	.018	.221	0	1.1
7	M9	X	.221	.534	1.1	2.2
8	M9	X	.534	.643	2.2	3.3
9	M9	X	.643	.359	3.3	4.4
10	M9	X	.359	.018	4.4	5.5
11	M11	X	.042	.366	0	.933
12	M11	X	.366	.512	.933	1.867
13	M11	X	.512	.483	1.867	2.8
14	M11	X	.483	.34	2.8	3.733
15	M11	X	.34	.079	3.733	4.667
16	M48	X	.029	.029	.019	.146
17	M49	X	.029	.029	.019	.146
18	M2	X	.017	.381	.55	1.54
19	M2	X	.381	.684	1.54	2.53
20	M2	X	.684	.542	2.53	3.52
21	M2	X	.542	.197	3.52	4.51
22	M2	X	.197	.017	4.51	5.5
23	M7	X	.015	.219	0	1.1
24	M7	X	.219	.503	1.1	2.2
25	M7	X	.503	.533	2.2	3.3
26	M7	X	.533	.264	3.3	4.4
27	M7	X	.264	.015	4.4	5.5
28	M12	X	.077	.343	0	.933
29	M12	X	.343	.487	.933	1.867
30	M12	X	.487	.514	1.867	2.8
31	M12	X	.514	.367	2.8	3.733
32	M12	X	.367	.042	3.733	4.667
33	M50	X	.029	.029	.019	.146
34	M51	X	.029	.029	.019	.146
35	M71	X	.534	.534	0	.25
36	M3	X	-.015	-.0007926	4.4	4.767
37	M3	X	-.0007926	.103	4.767	5.133
38	M3	X	.103	.283	5.133	5.5
39	M6	X	.151	.407	0	.333
40	M6	X	.407	.406	.333	.667
41	M6	X	.406	.151	.667	1
42	M9	X	.283	.103	0	.367
43	M9	X	.103	-.0007954	.367	.733
44	M9	X	-.0007954	-.015	.733	1.1
45	M10	X	.265	.163	0	.233
46	M10	X	.163	.053	.233	.467
47	M10	X	.053	-.006	.467	.7
48	M10	X	-.006	-.006	.7	.933
49	M11	X	-.006	-.006	3.733	3.967
50	M11	X	-.006	.053	3.967	4.2
51	M11	X	.053	.163	4.2	4.433
52	M11	X	.163	.265	4.433	4.667
53	M46	X	.308	.308	.091	.128
54	M49	X	.305	.305	.09	.128
55	M2	X	-.015	-.0007954	4.4	4.767
56	M2	X	-.0007954	.103	4.767	5.133
57	M2	X	.103	.283	5.133	5.5
58	M5	X	.151	.406	0	.333
59	M5	X	.406	.407	.333	.667
60	M5	X	.407	.151	.667	1
61	M8	X	.283	.103	0	.367
62	M8	X	.103	-.0007926	.367	.733
63	M8	X	-.0007926	-.015	.733	1.1
64	M10	X	-.006	-.006	3.733	3.967
65	M10	X	-.006	.053	3.967	4.2
66	M10	X	.053	.163	4.2	4.433

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
67	M10	X	.163	.265	4.433	4.667
68	M12	X	.265	.163	0	.233
69	M12	X	.163	.053	.233	.467
70	M12	X	.053	-.006	.467	.7
71	M12	X	-.006	-.006	.7	.933
72	M47	X	.308	.308	.091	.128
73	M50	X	.305	.305	.09	.128
74	M1	X	-.015	-.0007954	4.4	4.767
75	M1	X	-.0007954	.103	4.767	5.133
76	M1	X	.103	.283	5.133	5.5
77	M4	X	.151	.406	0	.333
78	M4	X	.406	.407	.333	.667
79	M4	X	.407	.151	.667	1
80	M7	X	.283	.103	0	.367
81	M7	X	.103	-.0007926	.367	.733
82	M7	X	-.0007926	-.015	.733	1.1
83	M11	X	.265	.163	0	.233
84	M11	X	.163	.053	.233	.467
85	M11	X	.053	-.006	.467	.7
86	M11	X	-.006	-.006	.7	.933
87	M12	X	-.006	-.006	3.733	3.967
88	M12	X	-.006	.053	3.967	4.2
89	M12	X	.053	.163	4.2	4.433
90	M12	X	.163	.265	4.433	4.667
91	M48	X	.305	.305	.09	.128
92	M51	X	.308	.308	.091	.128
93	M3	X	.151	.34	.724	1.066
94	M3	X	.34	.212	1.066	1.408
95	M3	X	.212	.167	1.408	1.75
96	M3	X	.167	.523	1.75	2.092
97	M8	X	.13	.13	2.75	5.5
98	M13	X	.335	.262	0	1.345
99	M13	X	.262	.188	1.345	2.691
100	M8	X	.0003017	.069	0	.66
101	M8	X	.069	.239	.66	1.32
102	M8	X	.239	.384	1.32	1.98
103	M8	X	.384	.212	1.98	2.64
104	M8	X	.212	.0003017	2.64	3.3
105	M10	X	.006	.297	1.867	2.427
106	M10	X	.297	.514	2.427	2.987
107	M10	X	.514	.348	2.987	3.547
108	M10	X	.348	.192	3.547	4.107
109	M10	X	.192	.062	4.107	4.667
110	M13	X	.125	.422	1.076	1.614
111	M13	X	.422	.446	1.614	2.152
112	M13	X	.446	.198	2.152	2.691
113	M47	X	.03	.03	.019	.148
114	M3	X	.002	.069	2.2	2.86
115	M3	X	.069	.179	2.86	3.52
116	M3	X	.179	.198	3.52	4.18
117	M3	X	.198	.082	4.18	4.84
118	M3	X	.082	.002	4.84	5.5
119	M10	X	.026	.164	0	.373
120	M10	X	.164	.211	.373	.747
121	M10	X	.211	.099	.747	1.12
122	M10	X	.099	.007	1.12	1.493
123	M10	X	.007	.007	1.493	1.867
124	M13	X	.016	.016	0	.687
125	M14	X	.009	.11	0	.4
126	M14	X	.11	.242	.4	.8
127	M14	X	.242	.248	.8	1.2
128	M14	X	.248	.124	1.2	1.6
129	M14	X	.124	.009	1.6	2

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
130	M46	X	.03	.03	.019	.147

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N4	max	925.45	11	2650.101	19	5288.808	13	.114	25	.667	8	.243	41
2		min	-974.906	5	277.836	25	139.536	7	-2.725	19	-.705	2	-.243	11
3	N2	max	4657.373	22	2604.291	15	390.434	2	1.606	25	.589	8	2.248	16
4		min	32.241	4	689.973	72	-2820.952	20	-.469	7	-.579	2	-.198	10
5	N3	max	36.546	10	2537.064	23	628.197	12	1.488	36	.699	12	-.332	4
6		min	-4586.632	16	669.996	68	-2783.533	18	.035	6	-.669	6	-2.303	22
7	Totals:	max	3941.249	10	7661.503	18	3967.932	1						
8		min	-3941.248	4	2129.301	64	-3967.934	7						

Envelope AISC 15th(360-16): LRFD Steel Code Checks

	Member	Shape	Code Ch...	Lo...	LC	She...	Lo.....		LC	phi*...	phi*...	phi*...	phi*Mn z-...	Cb	Eqn
1	M1	C5X6.7	.349	5....	1	.637	5....	y	15	2437...	63828	1.604	9.585	1.856	H1-1b
2	M2	C5X6.7	.384	5....	21	.670	5....	y	23	2437...	63828	1.604	9.585	1.956	H1-1b
3	M3	C5X6.7	.349	5....	12	.656	5....	y	19	2437...	63828	1.604	9.585	2.361	H1-1b
4	M4	C5X6.7	.243	1	18	.645	1	y	15	6183...	63828	1.604	9.585	1.094	H1-1b
5	M5	C5X6.7	.293	0	20	.679	.5	y	23	6183...	63828	1.604	9.585	1.071	H1-1b
6	M6	C5X6.7	.311	1	23	.686	1	y	19	6183...	63828	1.604	9.585	1.077	H1-1b
7	M7	C5X6.7	.353	.458	5	.645	.344	y	15	2437...	63828	1.604	9.585	2.1	H1-1b
8	M8	C5X6.7	.376	.516	17	.672	.286	y	23	2437...	63828	1.604	9.585	1.935	H1-1b
9	M9	C5X6.7	.413	.458	22	.686	.344	y	19	2437...	63828	1.604	9.585	1.908	H1-1b
10	M10	C5X6.7	.541	1....	15	.327	1....	y	21	3195...	63828	1.604	9.585	1.553	H1-1b
11	M11	C5X6.7	.489	2....	23	.189	2....	y	16	3195...	63828	1.604	9.585	1.554	H1-1b
12	M12	C5X6.7	.462	1....	19	.181	1....	y	14	3195...	63828	1.604	9.585	1.545	H1-1b
13	M13	C5X6.7	.133	.252	15	.062	.252	z	14	5071...	63828	1.604	9.585	1.394	H1-1b
14	M14	C5X6.7	.345	2	6	.211	1....	z	6	5620...	63828	1.604	9.585	1.043	H1-1b
15	M15	HSS3X...	.312	2.25	18	.107	2.25	y	21	1167...	1217...	10.005	10.005	2.942	H1-1b
16	M16	HSS3X...	.283	2.25	16	.143	2.25	y	36	1167...	1217...	10.005	10.005	2.99	H1-1b
17	M17	HSS3X...	.298	2.25	24	.134	2.25	y	25	1167...	1217...	10.005	10.005	2.928	H1-1b
18	M18	PL3/8x8	.011	.833	25	.005	0	y	11	6202...	97200	.759	16.2	2.262	H1-1b
19	M19	PL3/8x8	.014	.833	18	.010	0	y	6	6202...	97200	.759	16.2	2.257	H1-1b
20	M20	PL3/8x8	.012	0	31	.008	0	y	8	6202...	97200	.759	16.2	2.241	H1-1b
21	M21	PL3/8x8	.016	.833	14	.010	0	y	2	6202...	97200	.759	16.2	2.212	H1-1b
22	M22	PL3/8x8	.016	0	27	.008	.833	y	5	6202...	97200	.759	16.2	2.217	H1-1b
23	M23	PL3/8x8	.015	0	33	.010	0	y	10	6202...	97200	.759	16.2	2.23	H1-1b
24	M24	L2x2x3	.292	2....	6	.018	1....	z	4	3497...	2339...	.558	1.124	2.346	H2-1
25	M25	L2x2x3	.278	2....	12	.017	2....	y	2	3497...	2339...	.558	1.124	2.345	H2-1
26	M26	SR_0.75	.024	0	3	.013	1....		8	1067...	1431...	.179	.179	2.265	H1-1b
27	M27	SR_0.75	.095	0	9	.013	1....		2	1067...	1431...	.179	.179	2.279	H1-1b
28	M28	SR_0.75	.117	0	9	.021	1....		2	1067...	1431...	.179	.179	2.279	H1-1b
29	M29	SR_0.75	.121	0	9	.025	1....		3	1067...	1431...	.179	.179	2.277	H1-1b
30	M30	SR_0.75	.078	0	9	.018	1....		3	1067...	1431...	.179	.179	2.289	H1-1b
31	M31	SR_0.75	.016	0	3	.012	1....		20	1067...	1431...	.179	.179	2.444	H1-1b
32	M32	SR_0.75	.075	0	9	.007	1....		2	1067...	1431...	.179	.179	2.283	H1-1b
33	M33	PIPE_2...	.424	3....	6	.029	3....		6	2520...	32130	1.872	1.872	1.881	H1-1b
34	MP1A	PIPE_2...	.100	4....	1	.020	4....		6	1351...	32130	1.872	1.872	1.361	H1-1b
35	MP2A	PIPE_2...	.383	3....	1	.050	4....		8	1351...	32130	1.872	1.872	1.913	H1-1b
36	MP3A	PIPE_2...	.113	3....	1	.018	3....		11	1351...	32130	1.872	1.872	2.411	H1-1b
37	MP4A	PIPE_2...	.102	4....	1	.026	4....		10	1351...	32130	1.872	1.872	1.373	H1-1b
38	MP1B	PIPE_2...	.100	4....	5	.020	4....		10	1351...	32130	1.872	1.872	1.861	H1-1b
39	MP2B	PIPE_2...	.383	3....	5	.050	4....		10	1351...	32130	1.872	1.872	1.89	H1-1b
40	MP4B	PIPE_2...	.119	4....	5	.025	4....		1	1351...	32130	1.872	1.872	1.882	H1-1b
41	MP1C	PIPE_2...	.100	4....	9	.020	4....		2	1351...	32130	1.872	1.872	1.86	H1-1b
42	MP2C	PIPE_2...	.383	3....	9	.053	4....		2	1351...	32130	1.872	1.872	1.888	H1-1b
43	MP4C	PIPE_2...	.102	4....	9	.026	4....		6	1351...	32130	1.872	1.872	1.853	H1-1b
44	MP3C	PIPE_2...	.114	3....	9	.018	3....		7	1351...	32130	1.872	1.872	2.64	H1-1b
45	MP3B	PIPE_2...	.114	3....	5	.018	3....		3	1351...	32130	1.872	1.872	2.639	H1-1b

VzW SMART Tool© Vendor

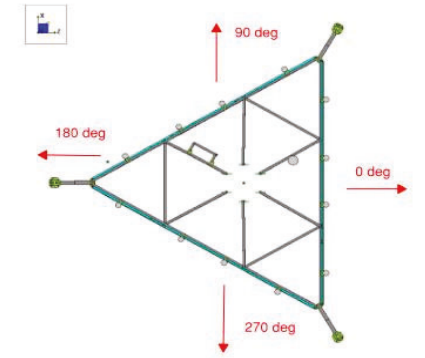
Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	WINDSOR LOCKS 2 CT		
MDG #:	5000383347		
Fuze ID #:	17123876	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N2	120
N3	240
N4	0



Tower Connection Bolt Checks	No
Tower Connection Baseplate Checks	No

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	WINDSOR LOCKS 2 CT		
PSLC #:	5000383347		
Fuze ID #:	17123876	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	(1) Stiffener on top/bottom
Stiffener Notch Present?	No
Stiffener Length, l (in):	3
Stiffener Spacing/Width, s (in):	
Weld Size (1/16 in):	3
W1 (in):	3
W2 (in):	3
Weld Total Length (in):	24.00
Z_x (in^3/in):	38.00
Z_y (in^3/in):	12.00
J_p (in^4/in):	153.00
c_x (in)	4.5
c_y (in)	4.5
Required combined strength (kip/in):	0.79
Weld Capacity (kip/in):	4.18
Weld Utilization:	**18.8%**

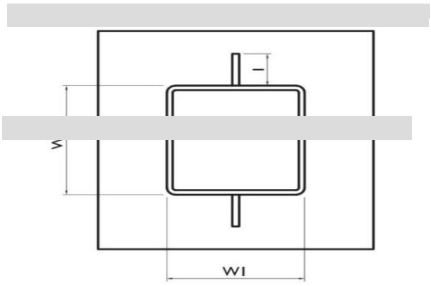
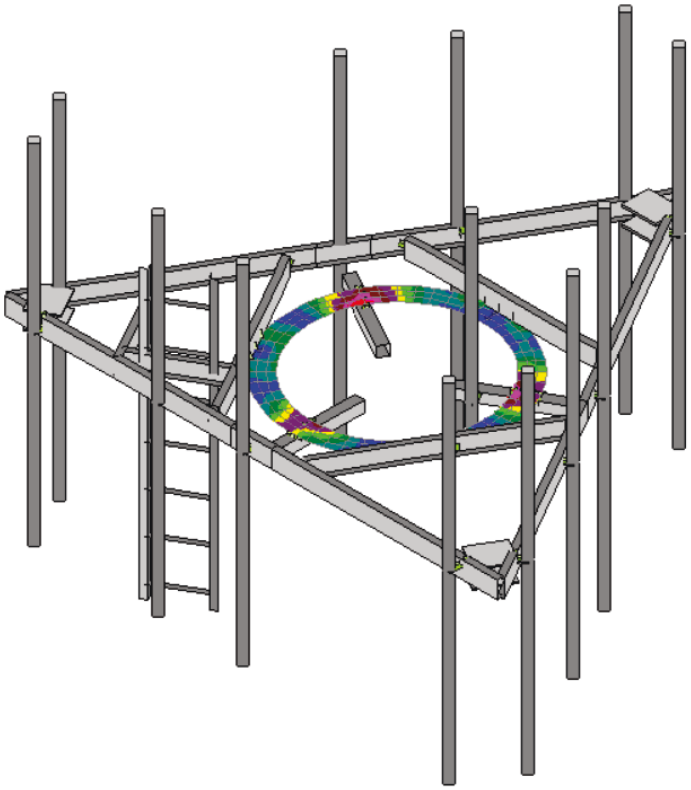


Plate Check:

Envelope Plate/Shell Principal Stresses

	P...		S...	S	L...	S	L...	T...	L	A...	L...	Von Mises [ksi]	L...
1	P19	n	T	-1	69	-6	68	10.	24	.218	5	22.977	2
2		n		-4	13	-2	24	2.6	68	.12	34	5.913	6
3		n	B	20	23	3.	23	8.8	23	1.74	8	19.458	2
4		n		5.	67	.5	5	2.2	67	1.59	27	4.817	6
5	P1	n	T	-.7	26	-4	26	9.7	20	.248	36	21.922	2
6		n		-4	21	-2	20	1.6	26	.142	6	3.754	2
7		n	B	19	19	2.	19	8.4	19	1.73	40	18.43	1



Maximum Applied Stress: $\sigma_{app} := 22.98 \cdot ksi$ (Obtained from Risa 3D)

Design Stress: $\sigma_d := 36 \cdot ksi \cdot 0.9 = 32.4 \cdot ksi$ (36 KSI Steel assumed)

Stress Check:

$$Check := \begin{cases} \text{"OK"} & \text{if } \sigma_{app} \le \sigma_d \\ \text{"NO GOOD"} & \text{otherwise} \end{cases}$$

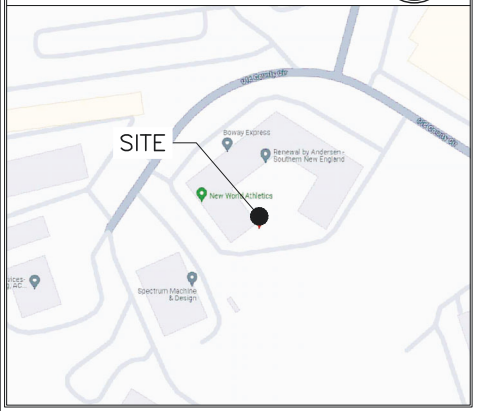
$Check = \text{"OK"}$

Capacity: $Capacity := \frac{\sigma_{app}}{\sigma_d} = 70.926 \cdot \%$

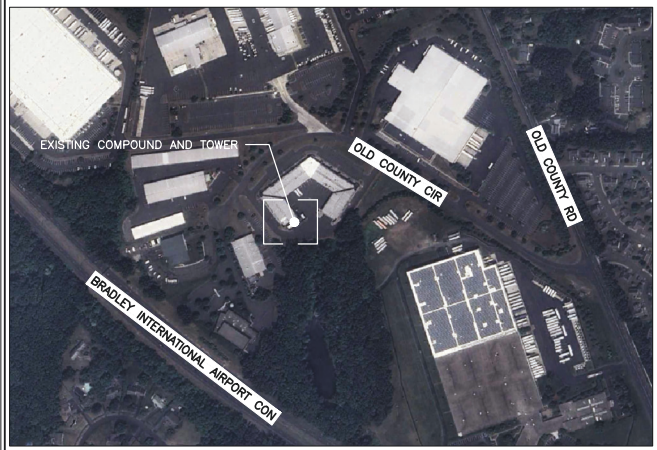
NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY MORRISON HERSHFIELD DATED JANUARY 22, 2024.

LEASE EXHIBIT:
THIS LEASE EXHIBIT IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF THE SITE SURVEY AND FACILITY DESIGN.

LOCATION MAP
N.T.S

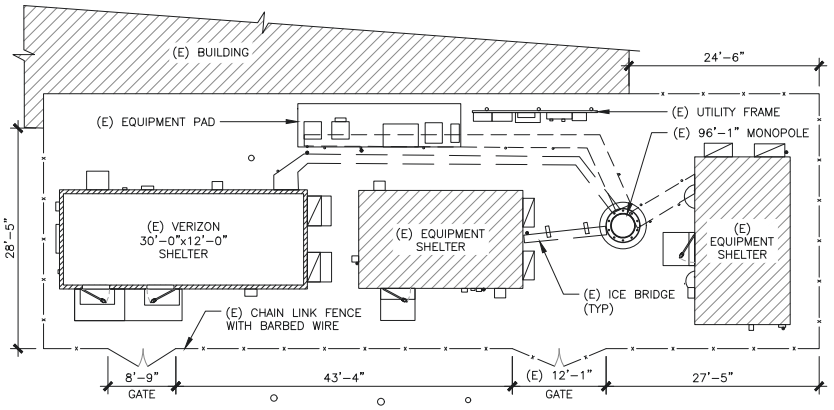


APPROXIMATE COORDINATES:	LATITUDE:	41° 54' 36.88" N	41.910244° N
	LONGITUDE:	72° 39' 42.43" W	72.661786° W



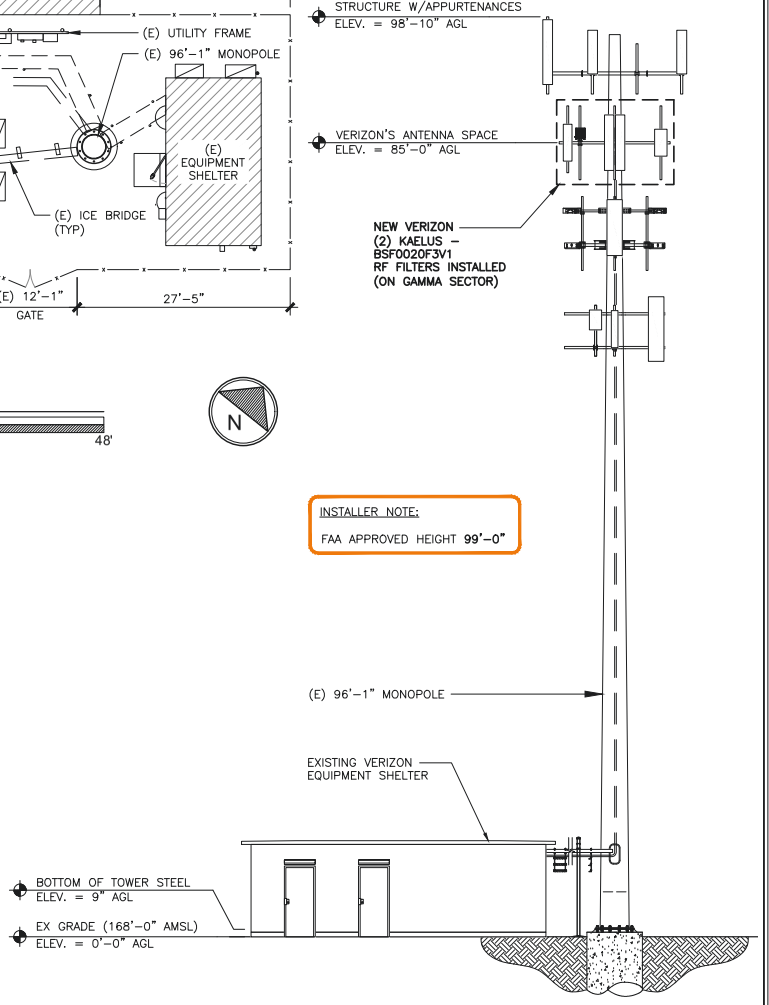
N

1 PARTIAL SITE / KEY PLAN
SCALE: N.T.S.



2 SITE PLAN
SCALE: 0' 8' 16' 32' 48'

N



3 TOWER ELEVATION
SCALE: N.T.S

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP
MTS ENGINEERING, P.L.L.C.
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
bwo@btgrp.com

WINDSOR LOCKS 2 CT

1000 OLD COUNTY CIRCLE
WINDSOR LOCKS, CT 06096

EXISTING MONOPOLE

PROJECT NO:	136274.006.01
CHECKED BY:	TDG

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	3/28/24	BR	CONSTRUCTION

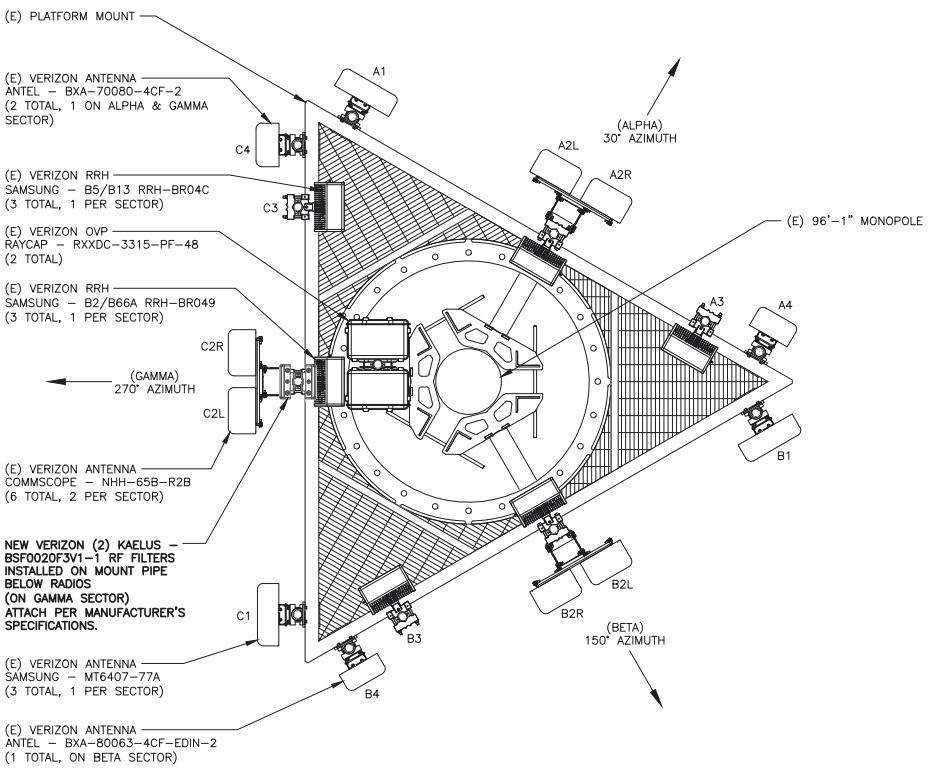
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

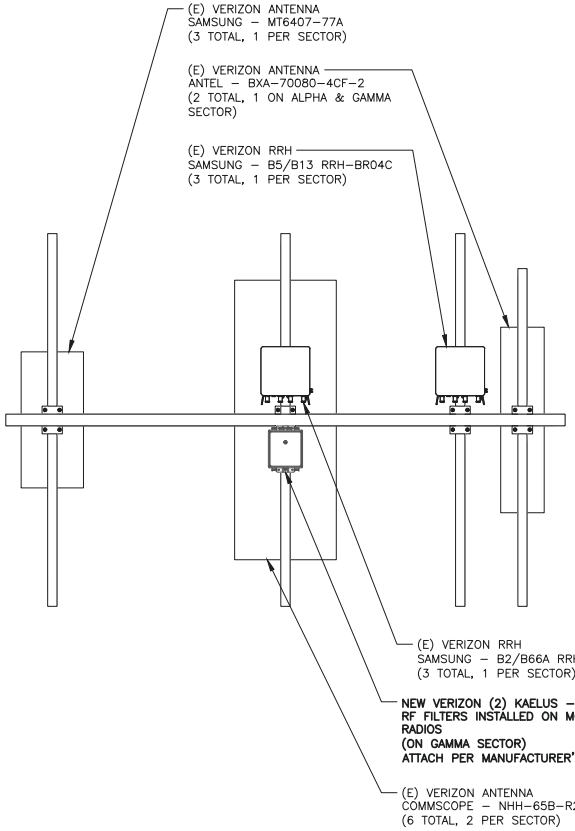
STATE OF CONNECTICUT
CHAD TYLER
No. 23924
LICENSED PROFESSIONAL ENGINEER
3/28/24

SHEET NUMBER:	REVISION:
LE-1	0

NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS





NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

1 NEW RF FILTER PLAN

SCALE: 0' 1' 2' 4' 8'

N

2 NEW RF FILTER ELEVATION

SCALE: 0' 1' 2' 4' 8'

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP

MTS ENGINEERING, P.L.L.C.
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
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btwo@btgrp.com

WINDSOR LOCKS 2 CT

1000 OLD COUNTY CIRCLE
WINDSOR LOCKS, CT 06096

EXISTING MONOPOLE

PROJECT NO:	136274.006.01
CHECKED BY:	TDG

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	3/28/24	BR	CONSTRUCTION

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

STATE OF CONNECTICUT
CHAD TYLER
No. 23924
LICENSED
PROFESSIONAL ENGINEER
3/28/24

SHEET NUMBER:	REVISION:
LE-2	0